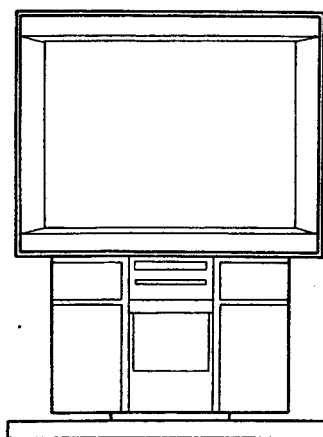


KV-29XBR85

RM-Y108

SERVICE MANUAL



US Model
Chassis No. SCC-E28F-A
Canadian Model
Chassis No. SCC-E35F-A

ANU-1A CHASSIS

| MODELS OF THE SAME SERIES | |
|---------------------------|--|
| KV-29XBR85 | |
| ANU-1A CHASSIS | |
| KV-32XBR75 | |

SPECIFICATIONS

| | | | |
|-------------------|---|------------------------------------|---|
| Television system | American TV standards | Output | MONITOR OUTPUT S VIDEO OUTPUT (4-pin mini DIN) Y: 1 Vp-p, 75-ohms unbalanced, sync negative C: 0.286 Vp-p (Burst signal) 75-ohms Video (phono jacks): 1 Vp-p, 75-ohms unbalanced, sync negative Audio (phono jacks): 500 mVrms (100% modulation) Impedance: 10 kilohms AUDIO OUTPUT (VARIABLE) (phono jacks) More than 408 mVrms at the maximum volume setting (variable) Impedance: 5 kilohms |
| Channel coverage | VHF: 2 - 13 UHF: 14 - 69 Cable TV: 1 - 125 | | |
| Picture tube | Microblack Trinitron tube 32-inch picture measured diagonally 34-inch picture tube measured di- agonally | | |
| Antenna | 75-ohm external antenna terminal for VHF/UHF | | |
| Input | VIDEO 1, 2 and 3 IN S VIDEO IN (4-pin mini DIN) Y: 1 Vp-p, 75 ohms unbalanced, sync negative C: 0.286 Vp-p (Burst signal) 75-ohms Video (phono jacks): 1 Vp-p, 75-ohms unbalanced, sync negative Audio (phono jacks): 500 mVrms (100% modulation) Impedance: 47 kilohms | Speaker output Speaker size | Main speakers 14W x 2: 8-ohm minimum Super woofer 40W: 8-ohm minimum Full range Main 87mm x 2 (3 1/2" INC) Woofer 100mm x 1 (4" INC) |



TRINITRON® COLOR TV
SONY®

KV-29ABK85
RM-Y108

| | |
|--------------------------|--|
| Audio frequency response | Main 100Hz – 20kHz Woofer 20Hz – 100Hz |
| Power requirements | 120V AC, 60Hz |
| Power consumption | 360W (Max.) 2W (Standby) |
| Dimensions (w/h/d) | Approx. 769 × 1132.5 × 736 mm |
| Weight | (30 $\frac{3}{8}$ × 44 $\frac{5}{8}$ × 29 inches) Approx. 112.8kg(248lb 11oz) |

Accessories supplied
YES: supplied NO: not supplied

| | |
|----------------------------|--|
| Programmable Commander | RM-Y108 with 2 size AA (R6) batteries (1) |
| Mini Commander | YES |
| Speakers and speaker cords | Main speakers (2) Super woofer (1) Speaker cords (2) and screws (4) for main speakers |
| Antenna connector (1) | YES |

| | |
|----------------------------|--|
| Programmable Commander | RM-Y108 with 2 size AA (R6) batteries (1) |
| Mini Commander | NO |
| Speakers and speaker cords | NO |
| Antenna connector (1) | YES |

Optional accessories


U/V mixer EAC-66
Connecting cable
VMC-810/820S
YC-15V/30V
Video rack
SU-251 (black)
SU-330 (black)

Design and specifications are subject to change without notice.

(CAUTION)

SHORT CIRCUIT THE ANODE OF THE PICTURE TUBE AND THE ANODE CAP TO THE METAL CHASSIS, CRT SHIELD, OR CARBON PAINTED ON THE CRT, AFTER REMOVING THE ANODE.

SAFETY-RELATED COMPONENT WARNING !!

COMPONENTS IDENTIFIED BY SHADING AND MARK  ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY. CIRCUIT ADJUSTMENTS THAT ARE CRITICAL TO SAFE OPERATION ARE IDENTIFIED IN THIS MANUAL. FOLLOW THESE PROCEDURES WHENEVER CRITICAL COMPONENTS ARE REPLACED OR IMPROPER OPERATION IS SUSPECTED.

(ATTENTION)

APRES AVOIR DECONNECTE LE CAP DE L'ANODE, COURT-CIRCUITER L'ANODE DU TUBE CATHODIQUE ET CELUI DE L'ANODE DU CAP AU CHASSIS METALLIQUE DE L'APPAREIL, OU AU COUCHE DE CARBONE PEINTE SUR LE TUBE CATHODIQUE OU AU BLINDAGE DU TUBE CATHODIQUE.

ATTENTION AUX COMPOSANTS RELATIFS À LA SÉCURITÉ!!


LES COMPOSANTS IDENTIFIÉS PAR UNE TRAME ET PAR UNE MARQUE  SUR LES SCHÉMAS DE PRINCIPE, LES VUES EXPLOSÉES ET LES LISTES DE PIÈCES SONT D'UNE IMPORTANCE CRITIQUE POUR LA SÉCURITÉ DU FONCTIONNEMENT. NE LES REMPLACER QUE PAR DES COMPOSANTS SONY DONT LE NUMÉRO DE PIÈCE EST INDIQUÉ DANS LE PRÉSENT MANUEL OU DANS DES SUPPLÉMENTS PUBLIÉS PAR SONY. LES RÉGLAGES DE CIRCUIT DONT L'IMPORTANCE EST CRITIQUE POUR LA SÉCURITÉ DU FONCTIONNEMENT SONT IDENTIFIÉS DANS LE PRÉSENT MANUEL. SUIVRE CES PROCÉDURES LORS DE CHAQUE REMPLACEMENT DE COMPOSANTS CRITIQUES, OU LORSQU'UN MAUVAIS FONCTIONNEMENT EST SUSPECTÉ.

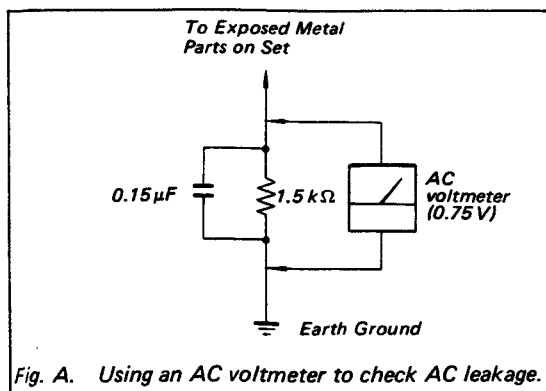
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SAFETY CHECK-OUT (US model only)

After correcting the original service problem, perform the following safety checks before releasing the set to the customer:

1. Check the area of your repair for unsoldered or poorly-soldered connections. Check the entire board surface for solder splashes and bridges.
2. Check the interboard wiring to ensure that no wires are "pinched" or contact high-wattage resistors.
3. Check that all control knobs, shields, covers, ground straps, and mounting hardware have been replaced. Be absolutely certain that you have replaced all the insulators.
4. Look for unauthorized replacement parts, particularly transistors, that were installed during a previous repair. Point them out to the customer and recommend their replacement.
5. Look for parts which, though functioning, show obvious signs of deterioration. Point them out to the customer and recommend their replacement.
6. Check the line cord for cracks and abrasion. Recommend the replacement of any such line cord to the customer.
7. Check the condition of the monopole antenna (if any).
Make sure the end is not broken off, and has the plastic cap on it. Point out the danger of impalement on a broken antenna to the customer, and recommend the antenna's replacement.
8. Check the B+ and HV to see they are at the values specified. Make sure your instruments are accurate; be suspicious of your HV meter if sets always have low HV.
9. Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.



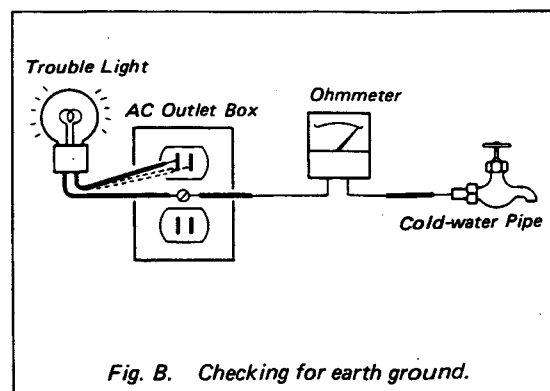
LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microamperes). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2V AC range are suitable. (See Fig. A)

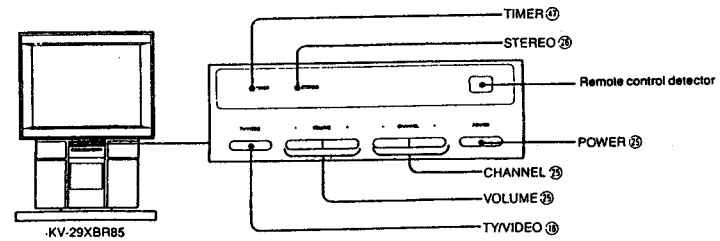
HOW TO FIND A GOOD EARTH GROUND

A cold-water pipe is guaranteed earth ground; the cover-plate retaining screw on most AC outlet boxes is also at earth ground. If the retaining screw is to be used as your earth-ground, verify that it is at ground by measuring the resistance between it and a cold-water pipe with an ohmmeter. The reading should be zero ohms. If a cold-water pipe is not accessible, connect a 60-100 watts trouble light (not a neon lamp) between the hot side of the receptacle and the retaining screw. Try both slots, if necessary, to locate the hot side of the line, the lamp should light at normal brilliance if the screw is at ground potential. (See Fig. B)

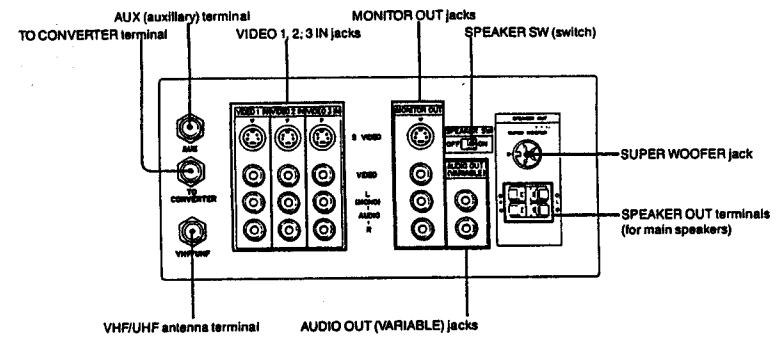


SECTION 1 GENERAL

1-1. NAMES OF THE PARTS

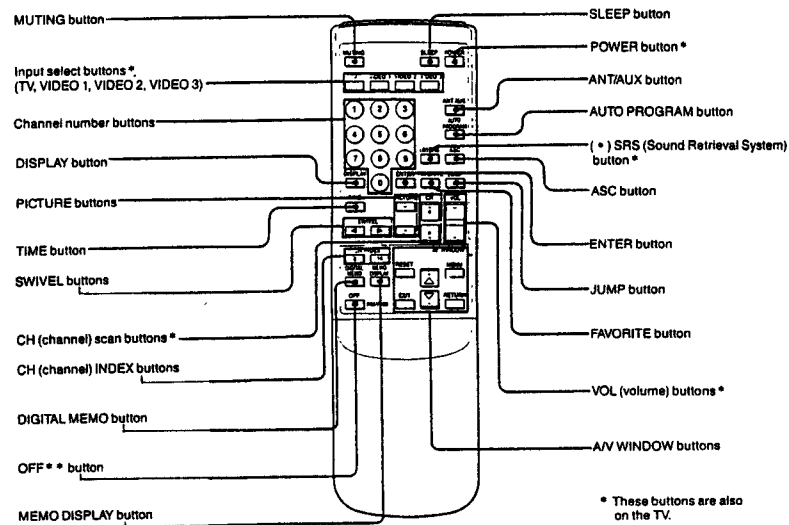


Rear



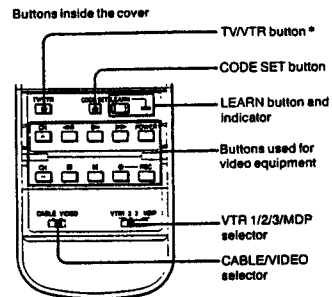
1-2. PRESET TV CHANNELS

Programmable Remote Commander

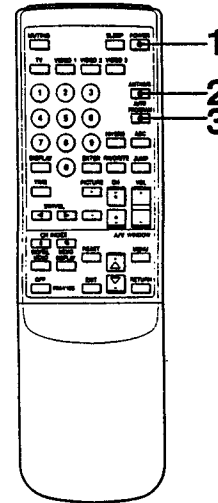
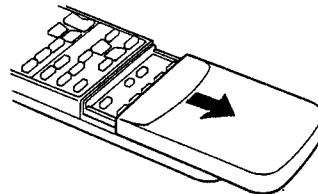


* These buttons are also on the TV.

** This button has the same function as OFF inside the cover.



To use the buttons inside the cover
Slide down the cover.



To Preset All Receivable Channels Automatically

Only with pressing a button, on can preset all receivable channels automatically.

1 Press POWER on the TV or the Remote Commander to turn the TV on.



2 Press ANTAUX according to the channel to be preset.



3
To preset VHF, UHF or regular cable TV channels

AUX 3
To preset pay cable TV channels

3 Press AUTO PROGRAM.



"AUTO PROGRAM" is displayed on the screen and receivable channels (other than the channels already preset) will be preset in numerical sequence. The channels previously preset remain in the unit's memory. When no more channels can be found, the programming stops and the lowest numbered channel is displayed.



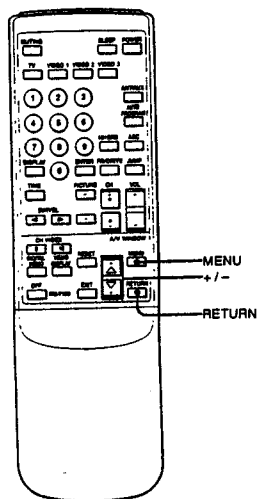
Receivable channels of this TV are:

VHF: 2-13
UHF: 14-69
Cable: 1-125

To check preset channels
Press CH +/-.

If the indication "VIDEO 1, VIDEO 2, VIDEO 3, S VIDEO, LD, or VTR" is displayed on the screen
Press the TV/VIDEO button on the TV or the TV button on the Remote Commander so that a channel number appears.

Without presetting
You can watch TV channels by using the 0-9 buttons and ENTER.



To Turn the Cable Mode Off (or On)

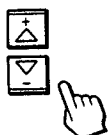
If you have cable connected to your TV, follow the steps below to turn the cable connection off or on. Turn cable OFF when you want to preset or watch VHF or UHF channels, and turn cable ON to preset or watch cable TV channels.

1 Press MENU.



A/V WINDOW
▶VIDEO
AUDIO
GUIDE
SET UP
Use[Δ ▽]&[RETURN]
[EXIT] to quit.

2 Press +/- until ▶ points to "SET UP".



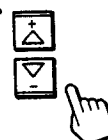
A/V WINDOW
VIDEO
AUDIO
GUIDE
▶SET UP
Use[Δ ▽]&[RETURN]
[EXIT] to quit.

3 Press RETURN.



SET UP
▶TIME SET
VIDEO LABEL
CHANNEL CAPTION
CHANNEL ERASE
CHANNEL ADD
CABLE: ON

4 Press +/- until ▶ points to "CABLE".



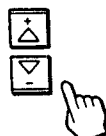
SET UP
TIME SET
VIDEO LABEL
CHANNEL CAPTION
CHANNEL ERASE
CHANNEL ADD
▶CABLE: ON

5 Press RETURN.



SET UP
TIME SET
VIDEO LABEL
CHANNEL CAPTION
CHANNEL ERASE
CHANNEL ADD
CABLE: ON
Use[Δ ▽]&[RETURN]

6 Press +/- until the cable is turned off (or on).



SET UP
TIME SET
VIDEO LABEL
CHANNEL CAPTION
CHANNEL ERASE
CHANNEL ADD
CABLE: OFF
Use[Δ ▽]&[RETURN]

7 Press RETURN.



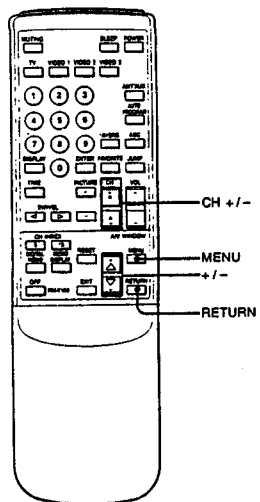
SET UP
TIME SET
VIDEO LABEL
CHANNEL CAPTION
CHANNEL ERASE
CHANNEL ADD
▶CABLE: OFF



Cable TV channel chart*
Cable TV systems use letters or numbers to designate channels. To tune in a channel, refer to the chart below.

| Number on this TV | Corresponding CATV channel |
|-------------------|----------------------------|
| 1 | A-8 |
| 5 | A-7 |
| 6 | A-6 |
| 14 | A |
| 15 | B |
| 16 | C |
| 17 | D |
| 18 | E |
| 19 | F |
| 20 | G |
| 21 | H |
| 22 | I |
| 23 | J |
| 24 | K |
| 25 | L |
| 26 | M |
| 27 | N |
| 28 | O |
| 29 | P |
| 30 | Q |
| 31 | R |
| 32 | S |
| 33 | T |
| 34 | U |
| 35 | V |
| 36 | W |
| 37 | W+1 |
| 38 | W+2 |
| 39 | W+3 |
| ... | ... |
| 83 | W+57 |
| 94 | W+68 |
| 95 | A-5 |
| 96 | A-4 |
| 97 | A-3 |
| 98 | A-2 |
| 99 | A-1 |
| 100 | W+59 |
| 101 | W+60 |
| 102 | W+61 |
| ... | ... |
| 123 | W+82 |
| 124 | W+83 |
| 125 | W+84 |

Check with your local cable TV company for more complete information on the available channels.
* The designation of the cable TV channels conforms to the EIA/NTA recommendation.



If you have erased a VHF or UHF channel
The cable TV channel with the same number is
also erased and vice versa.

To Erase TV Channels

Steps 1 - 3: Same as in "To Turn the Cable Mode Off (or On)"

- 4 Press +/- until > points to "CHANNEL ERASE".

SET UP
TIME SET
VIDEO LABEL
CHANNEL CAPTION
▶ CHANNEL ERASE
CHANNEL ADD
CABLE: ON
Use [Δ ▽] & [RETURN]
- 5 Press RETURN.

ERASE

Use [CH+, -] to
select the CH.
Then [RETURN] to
erase.
- 6 Press CH +/- to set the desired channel.

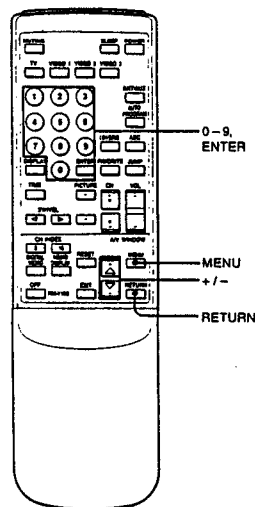
ERASE 8

Use [CH+, -] to
select the CH.
Then [RETURN] to
erase.
- 7 Press RETURN.

ERASE 8

Use [CH+, -] to
select the CH.
Then [RETURN] to
erase.

The channel is erased.
If you want to erase another channel, repeat steps 6 - 7.



To Add TV Channels

Steps 1 - 3: Same as in "To Turn the Cable Mode Off (or On)" (page 21).

- 4 Press +/- until > points to "CHANNEL ADD".

SET UP
TIME SET
VIDEO LABEL
CHANNEL CAPTION
CHANNEL ERASE
▶ CHANNEL ADD
CABLE: ON
- 5 Press RETURN.

ADD

Use [0-9] & [ENTER]
to select the CH.
Then [RETURN] to
add.
- 6 Press 0-9 to set the desired channel.

ADD 2 0

Use [0-9] & [ENTER]
to select the CH.
Then [RETURN] to
add.
- 7 Press ENTER.

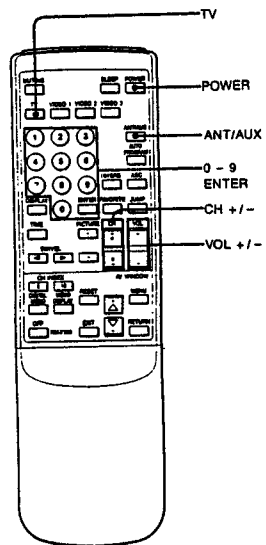
ENTER
- 8 Press RETURN.

ADD + 2 0

Use [0-9] & [ENTER]
to select the CH.
Then [RETURN] to
add.

The channel is added.
If you want to add another channel, repeat steps 6 - 8.

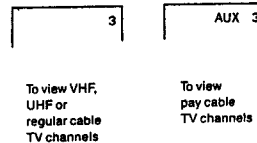
1-3. WATCHING TV PROGRAMS



1 Press POWER on the TV or the Remote Commander to turn on the TV.



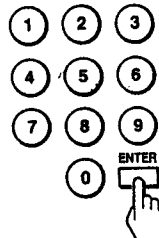
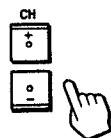
2 Press ANT/AUX according to the channel to be watched.
If you want to change the cable mode,



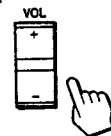
3 Select a channel in one of the following two ways:

To scan the preset channels in numerical sequence, press CH +/-.

To select a channel directly, press the channel number button(s) and then ENTER.
For example, to select channel 10, press 1, 0 and ENTER.



4 Press VOL + or - to adjust the volume.



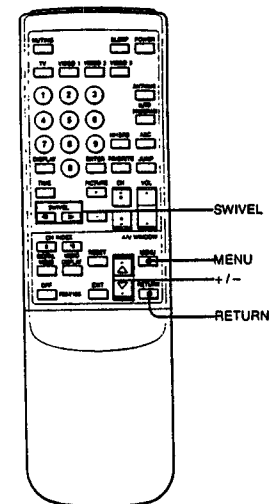
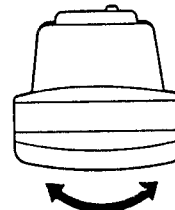
Notes
To turn off the TV
Press POWER on the TV or the Remote Commander again.

If the indication "VIDEO 1, VIDEO 2, VIDEO 3, S VIDEO, LD, or VTR" is displayed on the screen,
Press TV on the Remote Commander.

If you set the FAVORITE CHANNEL,
You can choose the channels more easily.

1-4. ADJUSTING THE SWIVEL

TV top view



Notes
On activating degauss
When you swivel the screen right after activating the degauss function, wait for 5 minutes or more before activating it again.

During activating degaussing
The picture may be confused.

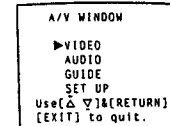
When rotating the TV on its swivel
Be careful that the corners of the TV casing do not hit obstructions, thus marring the finish.

Press SWIVEL </> to swivel the TV.
You can adjust the angle by 15 degrees in each direction.

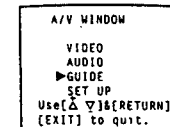
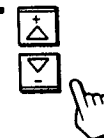
Activating Degaussing

When you use the SWIVEL function, the picture may suffer from color shading. If this occurs, you can adjust it by activating the degauss function.

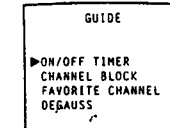
1 Press MENU.



2 Press +/- until > points to "GUIDE".



3 Press RETURN.



4 Press +/- until > points to "DEGAUSS".



5 Press RETURN.



The degauss function is activated.

1-5. WATCHING TWO OR MORE CHANNELS AT THE SAME TIME (The models equipped with this functions)

You can watch two or more channels at the same time.

- When watching two channels (the main picture and a window picture)

You can:

- swap the main and the window picture.
- change the position of the window picture.
- replay the main picture displayed 2 seconds before in the window picture.
- split the screen with the main and the window picture.
- store a TV picture.

- When watching more channels (the main picture and several window pictures)

You can:

- watch 8 different channels
- watch 16 different channels

- You can scan other channels



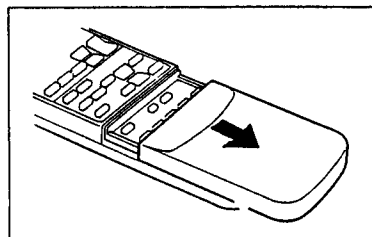
For KV-32XBR75

When you press MULTI PICTURE on the TV, the picture-in-picture features will be demonstrated.

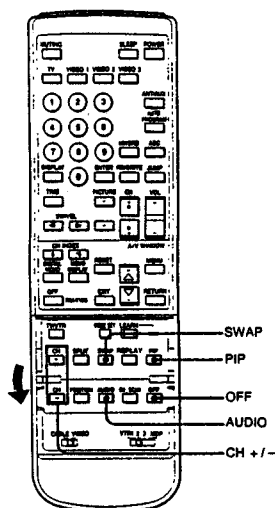
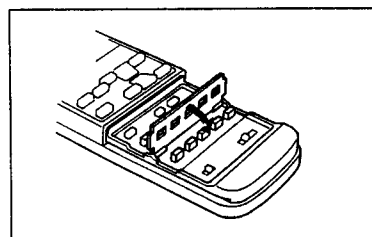
To cancel the demonstration, press OFF.

Preparation

- 1 Slide the cover of the supplied Remote Commander.



- 2 Flip down the panel to use the picture-in-picture area.



To make the window picture disappear
Press OFF.

To scan programs in the window picture
Press CH + / - in the picture-in-picture area.

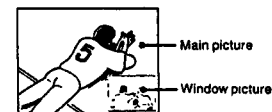
Notes on the window picture

- In the window picture, the VIDEO LABEL and CHANNEL CAPTION will not appear even if you have set them.
- If a window picture is blocked, the "B" indication will appear on the window screen.

Watching a Window Picture

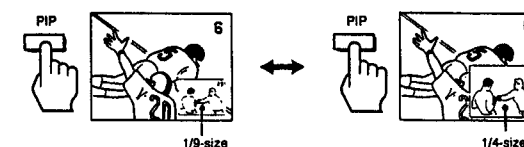
Besides the main picture, you can watch another TV channel (including CATV) or a video source simultaneously in a window picture.

You can enjoy the convenience of the "picture-in-picture" function when there are two TV channels you want to watch at the same time or when you want to monitor your VCR while watching TV, etc.



To display a TV program in a window

Press PIP.



The window picture in the last mode you watched will appear. Each time PIP is pressed, a 1/4-size or 1/8-size window picture will appear alternately.

To hear the sound for the window picture

Press AUDIO.

To hear the sound for the main picture, press AUDIO again.

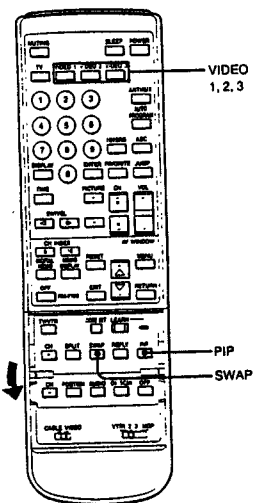
- The sound of the window picture is also output from the VARIABLE AUDIO OUT.

(The MONITOR OUT outputs the sound of the main picture only.)

- The sound for the window picture is monaural when you use the RFU output.
- When you press AUDIO, the "h" indication appears and you can know the sound comes from which.

To swap the main and the window pictures

Press SWAP.



Watching a Window Picture (continued)

To display VIDEO input picture in a window
 You can watch VIDEO input picture (either playback picture or TV program from VCR tuner) using picture-in-picture.
 If you want to control your VCR with the supplied Remote Commander.

1 Press PIP.



2 Press VIDEO 1, 2, or 3 to select the desired input mode.
 You can only change the VIDEO input mode in the main picture.



3 Press SWAP so that the VIDEO input picture becomes a window picture.

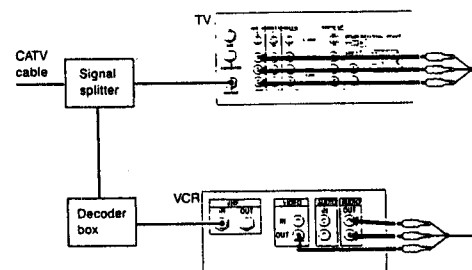


To change the VIDEO input mode, press SWAP again to swap with the main picture.

To display pay cable TV in a window

If you use a cable converter box, make proper connection for using picture-in-picture first.

Connection



Operation

Steps 1 - 3: same as in "To display VIDEO input picture in a window".

4 Put your VCR on an inactive channel (3CH or 4CH).

5 Change pay cable TV channels with the decoder box.

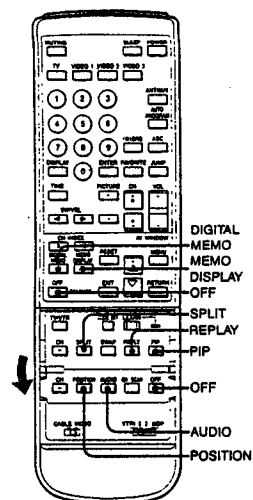


If you want to control your VCR or decoder box with the supplied Remote Commander

If you connect your decoder box to the AUX terminal
 You can watch the SPLIT and REPLAY picture only.



With the supplied Remote Commander
 You cannot control VCR without settings.

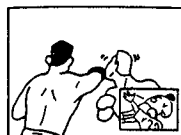


On replay picture
The replay picture is always displayed in 1/9 size.

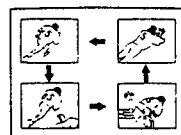
Advanced Operation of a Window Picture

To change the position of a window picture

1 Press PIP.

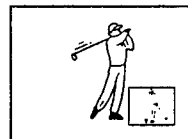


2 Press POSITION.
Each time you press POSITION,
the window picture will move as
illustrated.



To replay the main picture displayed 2 seconds before in the window picture

Press REPLAY.



To make the replay picture disappear, press OFF.

To store a TV picture

You can store a desired picture in the memory of this TV. You can recall the stored picture.
Storing the picture is convenient when you want to write down a recipe of a cooking program or a displayed toll free number, etc.

Press DIGITAL MEMO.
The TV picture will be stored.



To restore the normal picture
Press MEMO DISPLAY.



When you press MEMO DISPLAY, the screen changes from the stored picture to the normal picture.

To recall the stored picture
Press MEMO DISPLAY again.



The memory of the stored picture is kept except for the following cases:

- when the TV is turned off.
- when another picture-in-picture function is used.
- when you press OFF twice.

To split the screen between the main picture and the window picture

Press SPLIT.



Window picture Main picture



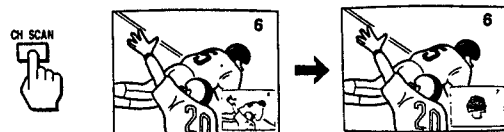
To make the window picture disappear
Press OFF.

To hear the sound for the window picture
Press AUDIO.

When using the split-screen feature
Vertical lines may appear to you to be elongated.

Scanning Other Channels

Press CH (channel) SCAN.



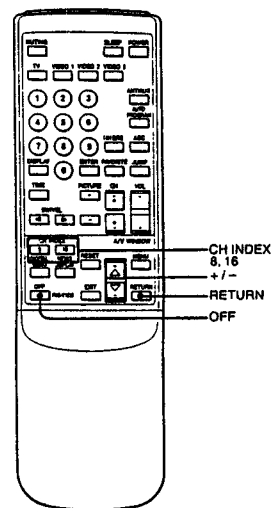
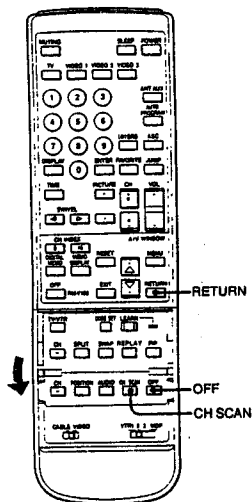
Each channel appears in the window picture for 3 seconds sequentially.

To watch the channel in the window picture continuously.
Press RETURN while the desired channel is in the window picture.

Press RETURN.



To cancel CHANNEL SCAN
Press OFF.



When you use the CH INDEX 8 function, part of the main picture is covered by the window pictures.

Watching Several Window Pictures Simultaneously

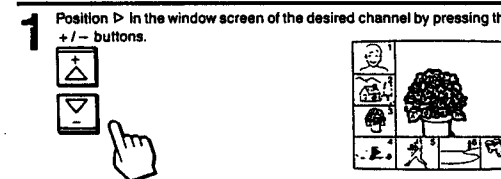
To display 8 different channels
(the main picture and 7 window pictures)

Press CH INDEX 8.



Programs of seven TV channels appear in numerical sequence as window pictures.
Each time you press CH INDEX 8, the next seven sequential channels will appear.

To watch one of the window pictures



2 Press RETURN.

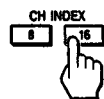


The chosen channel will appear as the main picture.

To cancel CH INDEX 8, press OFF.

To display 16 different channels as window pictures

Press CH INDEX 16.



Programs of 16 different TV channels appear in numerical sequence as window pictures. Each time you press CH INDEX 16, the next 16 channels will appear.

To watch one of the window pictures

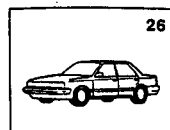
- Position ▸ in the window screen of the desired channel by pressing the + / - buttons.



- Press RETURN.



The chosen channel will appear.



To cancel CH INDEX 16, press OFF.

1-6. SETTING UP ON THE SCREEN

Captioning the TV Stations

You can assign a station name using up to four characters to up to 32 program positions to identify the received channel for display on the screen together with the program position number.

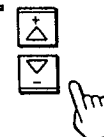
Example: To assign "ABC" to channel 15.

- Press MENU.



A/V WINDOW
▶ VIDEO
AUDIO
GUIDE
SET UP
Use [Δ ▽] & [RETURN]
[EXIT] to quit.

- Press + / - until ▸ points to "SET UP".



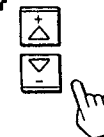
A/V WINDOW
VIDEO
AUDIO
GUIDE
▶ SET UP
Use [Δ ▽] & [RETURN]
[EXIT] to quit.

- Press RETURN.



SET UP
▶ TIME SET
VIDEO LABEL
CHANNEL CAPTION
CHANNEL ERASE
CHANNEL ADD
CABLE: ON

- Press + / - until ▸ points to "CHANNEL CAPTION".



SET UP
TIME SET
VIDEO LABEL
▶ CHANNEL CAPTION
CHANNEL ERASE
CHANNEL ADD
CABLE: ON



Note
When the memory is full, the indication "The memory is full, sorry" appears.
In this case, clear the unnecessary settings.

5 Press RETURN.



| | |
|---------|------|
| CHANNEL | ---- |
| CAPTION | ---- |

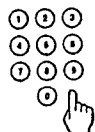
Enter the CH to be captioned.
Use [0-9]&[ENTER].



To restore the normal picture
Press EXIT.

To clear the setting
Display the "CHANNEL CAPTION" page and
press RESET, then EXIT.

6 Press 0 - 9 to set the channel to be captioned.
(For 15, press 1, then 5.)



| | |
|---------|------|
| CHANNEL | 15 |
| CAPTION | ---- |

Enter the CH to be captioned.
Use [0-9]&[ENTER].

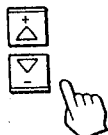
7 Press ENTER.



| | |
|---------|------|
| CHANNEL | 15 |
| CAPTION | ---- |

Select the 1st letter.
Use [Δ ▽]&[RETURN]

8 Press + / - until the letter or number you want appears.



| | |
|---------|-------|
| CHANNEL | 15 |
| CAPTION | A---- |

Select the 1st letter.
Use [Δ ▽]&[RETURN]

9 Press RETURN.



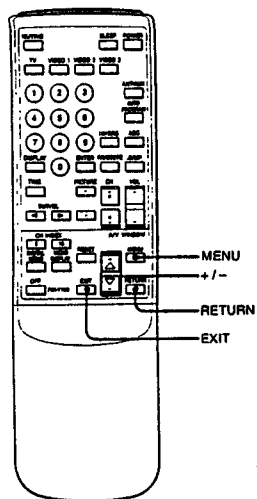
| | |
|---------|------|
| CHANNEL | 15 |
| CAPTION | AB-- |

Select the 2nd letter.
Use [Δ ▽]&[RETURN]

10 Repeat steps 8 and 9 for selecting other letters.
(For "ABC", select "B", "C", then select blank.)
Now the CHANNEL CAPTION is set.
If you want to caption more stations,
press RETURN.

| | |
|---------|-----|
| CHANNEL | 15 |
| CAPTION | ABC |

Press [RETURN]
to continue.



Labeling Each Video Input Mode

You can label each input mode as VTR, S VIDEO, or LD to easily identify what equipment is connected to which input terminal.

When you enter the label, the TV automatically adjusts itself internally to enhance the picture quality for the labeled equipment.

Example: Label VIDEO 1 with S VIDEO.

1 Press MENU



A/V WINDOW
▶VIDEO
AUDIO
GUIDE
SET UP
Use[Δ ▽]&[RETURN]
[EXIT] to quit.

2 Press +/– until ▶ points to "SET UP".



A/V WINDOW
VIDEO
AUDIO
GUIDE
▶SET UP
Use[Δ ▽]&[RETURN]
[EXIT] to quit.

3 Press RETURN.



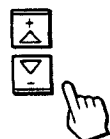
SET UP
▶TIME SET
VIDEO LABEL
CHANNEL CAPTION
CHANNEL ERASE
CHANNEL ADD
CABLE: ON

4 Press +/– until ▶ points to "VIDEO LABEL", then RETURN.



SET UP
TIME SET
▶VIDEO LABEL
CHANNEL CAPTION
CHANNEL ERASE
CHANNEL ADD
CABLE: ON

5 Press +/– until ▶ points to your desired input terminal.



VIDEO LABEL
▶VIDEO 1: VIDEO 1
VIDEO 2: VIDEO 2
VIDEO 3: VIDEO 3
DIRECT PLAY

6 Press RETURN.



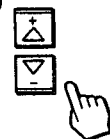
VIDEO LABEL
▶VIDEO 1: VIDEO 1
VIDEO 2: VIDEO 2
VIDEO 3: VIDEO 3
DIRECT PLAY

7 Press RETURN.
Then "VIDEO 1" on the right turns red.



VIDEO LABEL
VIDEO 1: VIDEO 1
VIDEO 2: VIDEO 2
VIDEO 3: VIDEO 3
DIRECT PLAY
Use[Δ ▽]&[RETURN]
to select.

8 Press +/– until the label you want appears.



VIDEO LABEL
VIDEO 1: S VIDEO
VIDEO 2: VIDEO 2
VIDEO 3: VIDEO 3
DIRECT PLAY
Use[Δ ▽]&[RETURN]
to select.

9 Press RETURN.

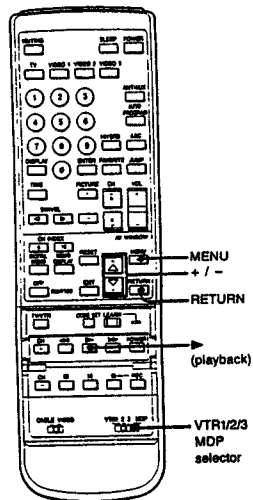


VIDEO LABEL
▶VIDEO 1: S VIDEO
VIDEO 2: VIDEO 2
VIDEO 3: VIDEO 3
DIRECT PLAY

If you want to label VIDEO 2 or 3, repeat steps 5–9.
Now, VIDEO LABEL is set.



To restore the normal picture
Press EXIT.



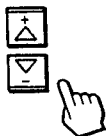
Direct Play Function

With this function, you can change the input mode from TV to VCR by pressing the ► (playback) button on the supplied Remote Commander.
Example: When you connect your VCR to the VIDEO 1 IN jacks and control the VCR when the VTR1/2/3 MDP selector is set to VTR2 on the supplied Remote Commander.

First, the TV needs to memorize the VTR selector position on the Remote Commander which you use to control your VCR.

Step1-4: Same as in "Labeling Each Video Input Mode".

5 Press + / - until ► points to "DIRECT PLAY".



VIDEO LABEL
 VIDEO 1: 5 VIDEO
 VIDEO 2: VIDEO 2
 VIDEO 3: VIDEO 3
 ►DIRECT PLAY

6 Press RETURN.



DIRECT PLAY
 Program your remote with "pre-set code" before using DIRECT PLAY feature.

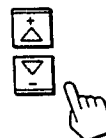
If you have not set the manufacturer's code yet, see page 60 and set it. (When you use Sony video equipment, this setting is not necessary. For details

7 Press RETURN



DIRECT PLAY
 ►VIDEO 1: OFF
 VIDEO 2: OFF
 VIDEO 3: OFF
 VIDEO LABEL

8 Press + / - until ► points to your VCR input. (If you connected your VCR to VIDEO 1 IN jacks, make ► point to "VIDEO 1".)



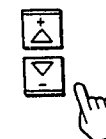
DIRECT PLAY
 ►VIDEO 1: OFF
 VIDEO 2: OFF
 VIDEO 3: OFF
 VIDEO LABEL

9 Press RETURN.



DIRECT PLAY
 VIDEO 1: OFF
 VIDEO 2: OFF
 VIDEO 3: OFF
 VIDEO LABEL
 Use[▲ ▼](RETURN) to select.

10 Press + / - until the VTR selector mode that you control your VCR at appears. (If you control your VCR at VTR 2 in the Remote Commander, make "VTR 2" appear.)



DIRECT PLAY
 VIDEO 1: VTR 2
 VIDEO 2: OFF
 VIDEO 3: OFF
 VIDEO LABEL
 Use[▲ ▼](RETURN) to select.

11 Press RETURN.



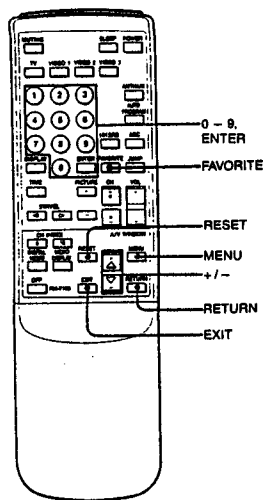
DIRECT PLAY
 ►VIDEO 1: VTR 2
 VIDEO 2: OFF
 VIDEO 3: OFF
 VIDEO LABEL

If you connect other video equipment, repeat steps 8-11.
 Now, direct play setting is set.



To restore the normal picture Press EXIT.

When you are watching a VCR picture, as you press the ► (playback) button, the input mode changes from TV to VCR.
Example: When you set the VTR1/2/3 MDP selector to VTR2 and press ►, the input mode changes to the VCR that is connected to the VIDEO 1 IN jacks.



Note
When the memory is full, the indication "The memory is full, sorry" will appear.
In this case, clear the unnecessary settings.

Captioning the TV Stations

You can assign a station name using up to four characters to up to 32 program positions to identify the received channel for display on the screen together with the program position number.

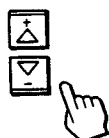
Example: To assign "ABC" to channel 15.

1 Press MENU.



A/V WINDOW
▶VIDEO
AUDIO
GUIDE
SET UP
Use[Δ ▽]&[RETURN]
[EXIT] to quit.

2 Press +/- until ▶ points to "SET UP".



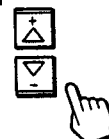
A/V WINDOW
VIDEO
AUDIO
GUIDE
▶SET UP
Use[Δ ▽]&[RETURN]
[EXIT] to quit.

3 Press RETURN.



SET UP
▶TIME SET
VIDEO LABEL
CHANNEL CAPTION
CHANNEL ERASE
CHANNEL ADD
CABLE: ON

4 Press +/- until ▶ points to "CHANNEL CAPTION".



SET UP
TIME SET
VIDEO LABEL
▶CHANNEL CAPTION
CHANNEL ERASE
CHANNEL ADD
CABLE: ON

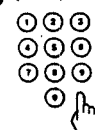
5 Press RETURN.



CHANNEL
CAPTION

Enter the CH to
be captioned.
Use[0-9]&[ENTER].

6 Press 0 - 9 to set the channel to be captioned.
(For 15, press 1, then 5.)



CHANNEL
CAPTION
15

Enter the CH to
be captioned.
Use[0-9]&[ENTER].

7 Press ENTER.



CHANNEL
CAPTION
15

Select the 1st
letter.
Use[Δ ▽]&[RETURN]

8 Press +/- until the letter or number you want appears.



CHANNEL
CAPTION
15
A____

Select the 1st
letter.
Use[Δ ▽]&[RETURN]

9 Press RETURN.



CHANNEL
CAPTION
15
AB____

Select the 2nd
letter.
Use[Δ ▽]&[RETURN]

10 Repeat steps 8 and 9 for selecting other letters.
(For "ABC", select "B", "C", then select blank.)
Now the CHANNEL CAPTION is set.
If you want to caption more stations, press RETURN.

CHANNEL
CAPTION
15
ABC

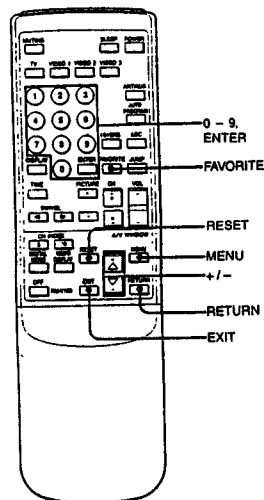
Press [RETURN]
to continue.



To restore the normal picture
Press EXIT.

To clear the setting
Display the "CHANNEL CAPTION" page and
press RESET, then EXIT.

1-7. SETTING TIMER-ACTIVATED FUNCTIONS



Setting the ON/OFF Timer

You can make three programs of your choice appear on the screen at the desired time with the ON/OFF timer.
Example: Set the timer to turn on the TV to channel 8 at 1:30 AM for 3 hours every Monday through Friday as PROGRAM 1.

1 Press MENU.



A/V WINDOW
▶ VIDEO
AUDIO
GUIDE
SET UP
Use [Δ ▽] & [RETURN]
[EXIT] to quit.

2 Press +/- until ▶ points to "GUIDE", then RETURN.



GUIDE
▶ ON/OFF TIMER
CHANNEL BLOCK
FAVORITE CHANNEL
DEGAUSS

* "DEGAUSS" appears.

3 Make sure ▶ points to "ON/OFF TIMER", then press RETURN.



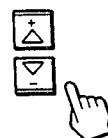
* ON/OFF TIMER
▶ PROGRAM 1:
PROGRAM 2:
PROGRAM 3:

4 Make sure ▶ points to "PROGRAM 1" (for PROGRAM 2 and 3, press +/- to select the desired one), then press RETURN.



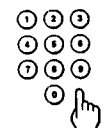
* ON/OFF TIMER 1
_ : _ AM
CH _
Select the day.
Use [Δ ▽] & [RETURN]

5 Press +/- until the day of the week you want appears, then press RETURN.



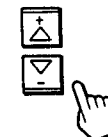
ON/OFF TIMER 1
EVERY SUN-SAT
_ : _ AM
CH _
Set the time.
Use [0-9] & [RETURN]

6 Press 0 - 9 to set the time you want, (For 1:30, press 0 1 3 0.) then press RETURN.



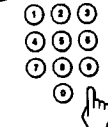
ON/OFF TIMER 1
EVERY SUN-SAT
1 : 30 AM
CH _
Set AM or PM.
Use [Δ ▽] & [RETURN]

7 Press +/- to set AM or PM, then RETURN.



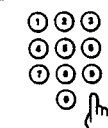
ON/OFF TIMER 1
EVERY SUN-SAT
1 : 30 AM
CH _
Set the duration.
Use [0-9] & [RETURN]

8 Press 1 - 9 to set the duration, then RETURN.



ON/OFF TIMER 1
EVERY SUN-SAT
1 : 30 AM
3 H
CH _
Set the channel.
Use [0-9] & [RETURN]

9 Press 0 - 9 to set the channel number you want, then RETURN.



ON/OFF TIMER 1
EVERY SUN-SAT
1 : 30 AM
3 H
CH 8
Press [RETURN]
to continue.

If you want to set program 2 or 3, press RETURN and repeat steps 4 - 9.

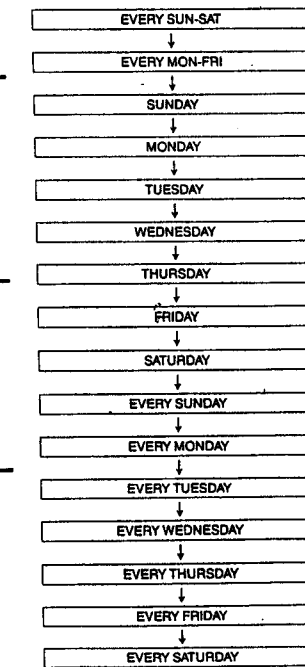
Notes

If you have not set the CURRENT TIME yet
The following message will appear.
Go back to set the clock.

Current time is not set.

Press [RETURN]
to set the time.

The selectable days of the week
When you press +, the selectable days of
the week will appear in the following order:



Press - for reverse direction.

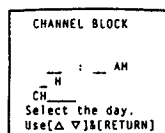
Setting the Channel Block

CHANNEL BLOCK prevents a channel from appearing on the screen for preset hours. We suggest you to use this function to prevent children from watching undesirable programs.

Example: Set the CHANNEL BLOCK at 4:00 PM (for 1 hour), every Saturday, on channel 12.

Step 1 - 2: Same as in "Setting the ON/OFF Timer".

3 Press + / - until > points to "CHANNEL BLOCK", then RETURN.

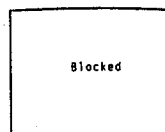


Step 5* - 9: Same as in "Setting the ON/OFF Timer".

* Step 4 is not necessary for the channel block operation.



Now CHANNEL BLOCK is set. The picture of the selected channel will be blocked from viewing and the sound will be muted, at the preset time. A red "Blocked" indication will appear on the screen while the channel is blocked.



To restore the normal picture
Press EXIT.

To clear the setting
Display the "CHANNEL BLOCK" page and press RESET, then EXIT.

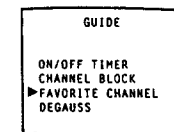
To reset the setting
Display the "CHANNEL BLOCK" page and repeat the steps from the beginning.

1-8. SETTING YOUR FAVORITE CHANNELS

By setting your favorite channels (maximum 5 channels), you will be able to choose them quickly just by pressing the FAVORITE button. First, store your favorite channels.

Step 1 - 2: Same as in "Setting the ON/OFF Timer".

3 Press + / - until > points to "FAVORITE CHANNEL".



4 Press RETURN.

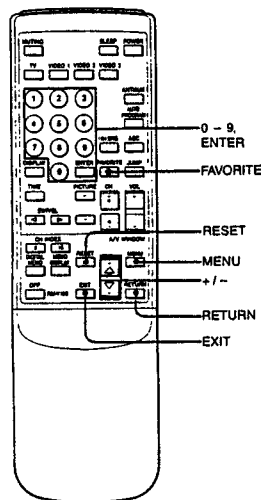


5 Press 0 - 9 to set the channel number you want.



6 Press ENTER.





7 Repeat steps 5 and 6 for the rest of the channels.
If you do not want to store any more channels, you can go to step 8.

FAVORITE CHANNEL
36
---2

Use [0-9] & [ENTER].
[RETURN] to set.

8 Press RETURN.
Now the FAVORITE CHANNEL is set.



FAVORITE CHANNEL
36
2
42
55
19
FAVORITE CH is
set. Thank you.

After setting your favorite channels
Each time you press FAVORITE, the channels will appear sequentially.



To restore the normal picture
Press EXIT.

To clear the setting
Display the "FAVORITE CHANNEL" page and press RESET, then EXIT.

To reset the setting
Display the "FAVORITE CHANNEL" page and repeat the steps from the beginning.

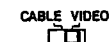
1-9. USING THE PROGRAMMABLE REMOTE COMMANDER

You can operate other remote controlled video equipment using the supplied RM-Y108 Remote Commander. The supplied Remote Commander is programmed to operate Sony video equipment. In addition, you can reprogram this Remote Commander to operate non-Sony equipment.

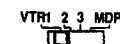
Operating Sony Video Equipment

With the supplied Remote Commander, you can operate Sony video cassette recorders (Beta, 8mm VHS) and video disc players (including multi disc player) without programming.

1 Set the CABLE/VIDEO selector to VIDEO.



2 Set the VTR 1/2/3/MDP selector according to the video equipment you want to operate.



| If you want to operate A: | then set to |
|---------------------------|-------------|
| Beta, ED Beta VCR | VTR 1 |
| 8mm VCR | VTR 2 |
| VHS VCR | VTR 3 |
| Video disc player | MDP |

3 Use the buttons in the video operating area to operate the video equipment.

Operating a video cassette recorder

To record Press ●.
To start playback Press ►.
To stop Press ■.
To advance the tape rapidly Press ►►.
To rewind the tape Press ◄◄.
To freeze a picture Press ||.

To resume normal playback, press again.

To view the picture at a fast speed to find a particular scene

Keep pressing ►► or ◄◄ during playback.

To resume normal playback, release the button.

If the equipment does not have a certain function, the corresponding button on this Remote Commander is not effective.

Operating a video disc player

To start playback Press ►.
To stop Press ■.
To freeze a picture Press ||.

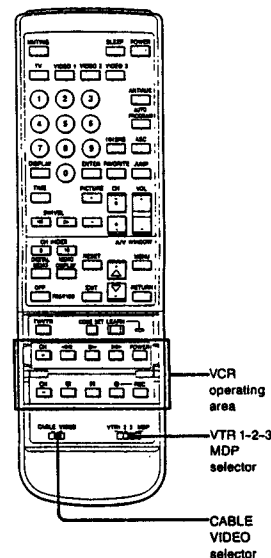
To resume normal playback, press again.

This function is effective only for CAV (standard-play disc). With CLV (extended-play disc), the video disc player will go into the standby mode if || is pressed.

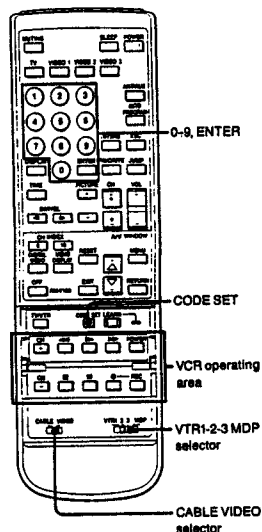
To view the picture at a fast speed to find a particular scene

Keep pressing ►► or ◄◄ during playback.

To resume normal playback, release the button.



After setting other manufacture's code
You cannot operate Sony video equipment with the supplied Remote Commander without setting the Sony.



Operating Non-Sony or Sony Video Equipment (Pre-programmed Function)

The supplied Remote Commander has pre-programmed functions. Thus you can operate non-Sony video equipment with the supplied Remote Commander by setting the manufacturer's code.

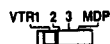
Setting the manufacturer's code

- 1 Set the CABLE/VIDEO selector to VIDEO.

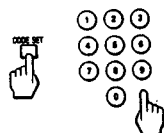


- 2 Set the VTR1/2/3/MDP selector to the position that you want to operate the equipment at.

By employing the VTR 1/2/3 settings, you can use your remote commander to operate up to 3 pieces of equipment.
Note: If you also use Sony video equipment, set other maker's equipment to a position not being used for your Sony video equipment.



- 3 While pressing CODE SET, press manufacture's code numbers (See table).



- 4 Press ENTER.



The LEARN indicator turns green and then goes off. (A long beep)
Now you can operate the non-Sony video equipment with the supplied Remote Commander.

- 5 Use the video operating buttons to operate video equipment.

Manufacturers and their code numbers (video cassette recorder)

| Manufacturer | Code number |
|--------------------|----------------|
| Sony | 01, 02, 03 |
| Canon | 05 |
| Emerson | 22, 30, 33 |
| Fisher | 10, 11, 12, 15 |
| Funai | 29 |
| General electronic | 05, 08 |
| Goldstar | 25 |
| Hitachi | 07, 08 |
| JVC | 18 |
| Magnavox | 05, 06, 09 |
| Mitsubishi | 18, 19, 26, 27 |
| Multitech | 29 |
| NEC | 18, 23, 31 |
| Panasonic | 05, 06 |
| Philco | 05, 06 |
| Philips | 05, 06, 09 |
| Quasar | 05, 06 |
| RCA | 07, 08 |
| Samsung | 24, 32 |
| Sanyo | 11, 15 |
| Scott | 21 |
| Sharp | 13, 14 |
| Shintom | 34 |
| Sylvania | 05, 06, 09 |
| Symphonic | 29 |
| Teknika | 28, 29 |
| Toshiba | 20, 21 |
| Tote vision | 25 |
| Zenith | 17 |

Manufacturers and their code numbers (video disc player)

| Manufacturer | Code number |
|--------------|-------------|
| Sony | 04 |
| Kenwood | 58 |
| Magnavox | 52 |
| Marantz | 54 |
| Mitsubishi | 51 |
| Panasonic | 55 |
| Philips | 52 |
| Pioneer | 51 |
| RCA | 51 |
| Sanyo | 57 |
| Sharp | 56 |
| Yamaha | 53 |



On the code number

- If more than one code number is listed, try entering them one by one, until you come to the correct code for your equipment.
- If you enter a new code number, the code number previously entered at that setting will be erased.

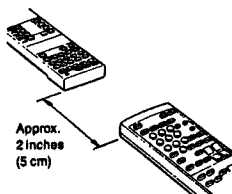
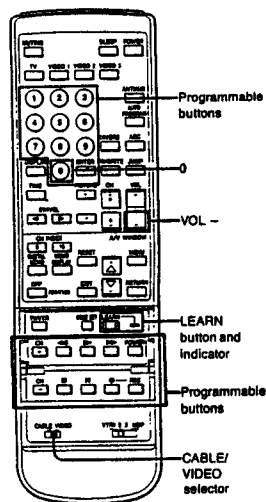
On Sony's code number

The number and operable equipment are as follows:

- 01: Beta
- 02: 8 mm
- 03: VHS
- 04: MDP

For your convenience

You can write the operable manufacturer and its code number in the supplied seal and stick it on the rear of the Remote Commander.



For accurate learning
Do not move the remote commanders during the learning process.

Operating non-Sony or Sony Audio and Video Equipment (Learning Function)

With this feature, you can "teach" any of the programmable buttons to operate one function each of another remote commander. Use the Learning function to program the supplied remote commander to operate non-Sony and Sony audio equipment, your remote controlled cable decoder box, and video equipment of manufacturers not listed in the chart.

- 1 Set the CABLE/VIDEO selector to CABLE.



- 2 Face this Remote Commander with the other remote commander head to head, approximately 2 inches (5 cm) apart.

- 3 Press LEARN.
The LEARN indicator lights up in green.



- 4 Momentarily press the button of this Remote Commander on which a function is to be memorized.
The LEARN indicator lights up in red. (A short beep).
Now it's ready for learning.

The Remote Commander beeps repeatedly if there is inappropriate operation. Try again from this step.

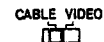
- 5 Keep pressing the function button of the other remote commander until the LEARN indicator turns to green again. (A long beep)
If this does not happen, the learning process has not been completed. Repeat steps 4 and 5.

- 6 To program other buttons, repeat steps 4 - 5.

- 7 Press LEARN.
The LEARN indicator lights up in red, then goes off.
Now the setting is complete.

Clearing memorized functions

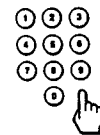
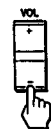
- 1 Set the CABLE/VIDEO selector to CABLE.



- 2 Press LEARN.
The LEARN indicator lights up in green.



- 3 Press VOLUME - .
Keep pressing the VOLUME - button and "0" at once until 6 short beeps are heard.



- 4 Press LEARN.
Now all the memorized functions are cleared.



On learning Function

- When you clear the memorized functions, the buttons retain their factory set memory.
- Be sure to confirm that the functions have been memorized as a few commanders of other manufacturers are not compatible with this Remote Commander.
- Do not use the learning function for other than video and audio equipment.
- When operating equipment with learned functions, the selectors should be set to the same position as they were when the functions were memorized.
- When a new function is assigned to a button, the previous function is cleared automatically.
- When the memories are full, the LEARN indicator lights steadily if you try to memorize a new function.
In such a case, set the USE/LEARN selector to USE to turn the indicator off, then clear the unnecessary functions.

Caution



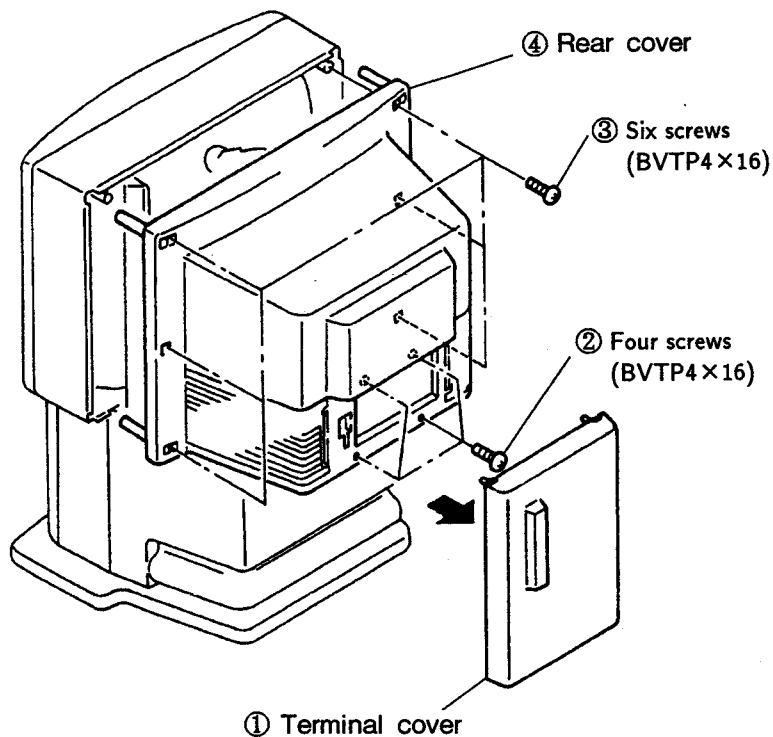
When replacing the batteries, do it within approximately 30 minutes. Otherwise, the memorized functions may be erased.

The learning function will not work in the following cases:

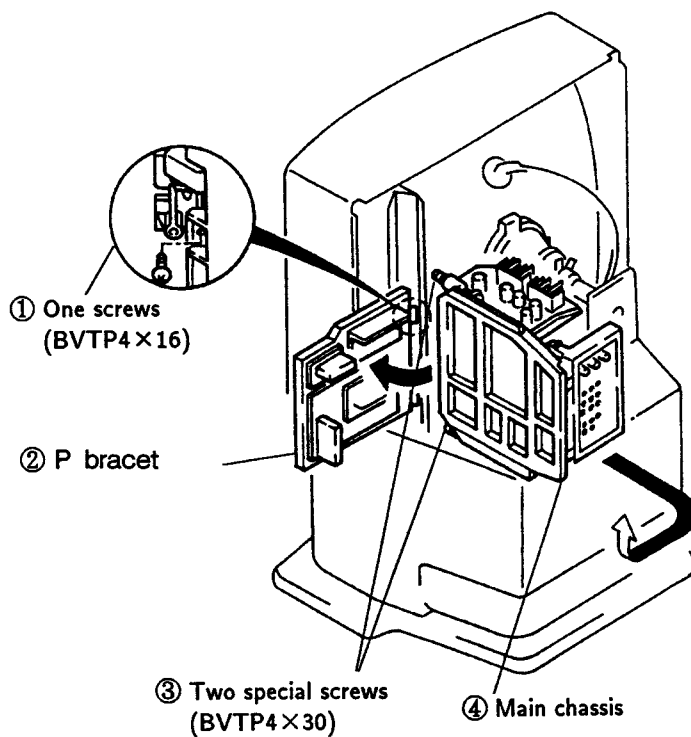
| Problems: | Solutions: |
|---|---|
| There is a fluorescent lamp or equipment which emits infrared energy. | Move the remote commanders away from such infrared sources. |
| The batteries are exhausted. | Replace all the batteries with new ones. |
| There is an obstacle between the Remote Commanders, or the Remote Commanders are not positioned head to head and exactly aligned. | Position the Remote Commanders properly. |

SECTION 2 DISASSEMBLY

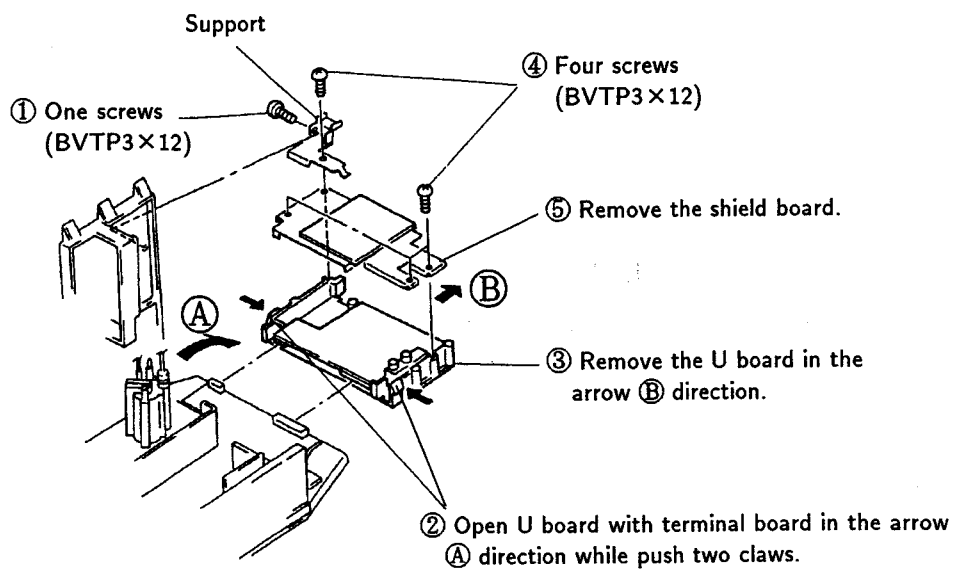
2-1. REAR COVER REMOVAL



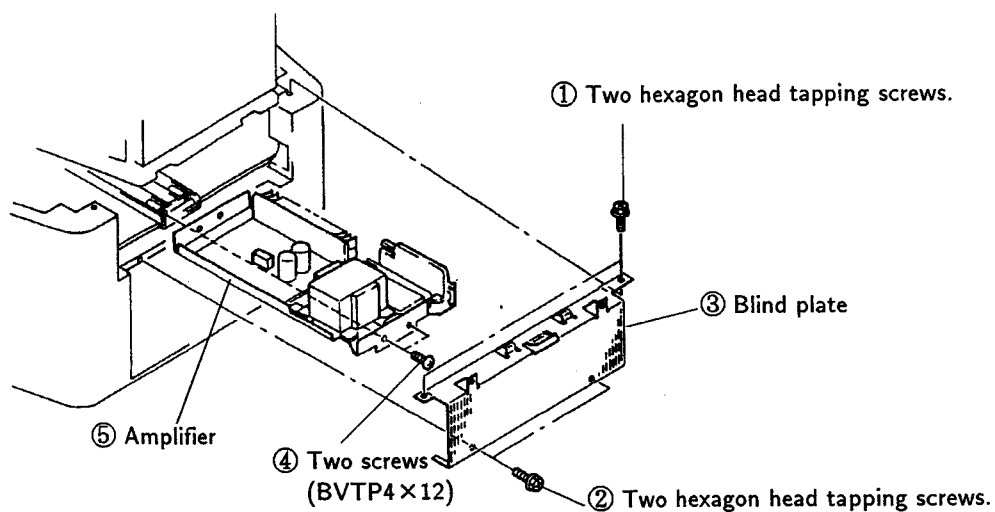
2-2. SERVICE POSITION



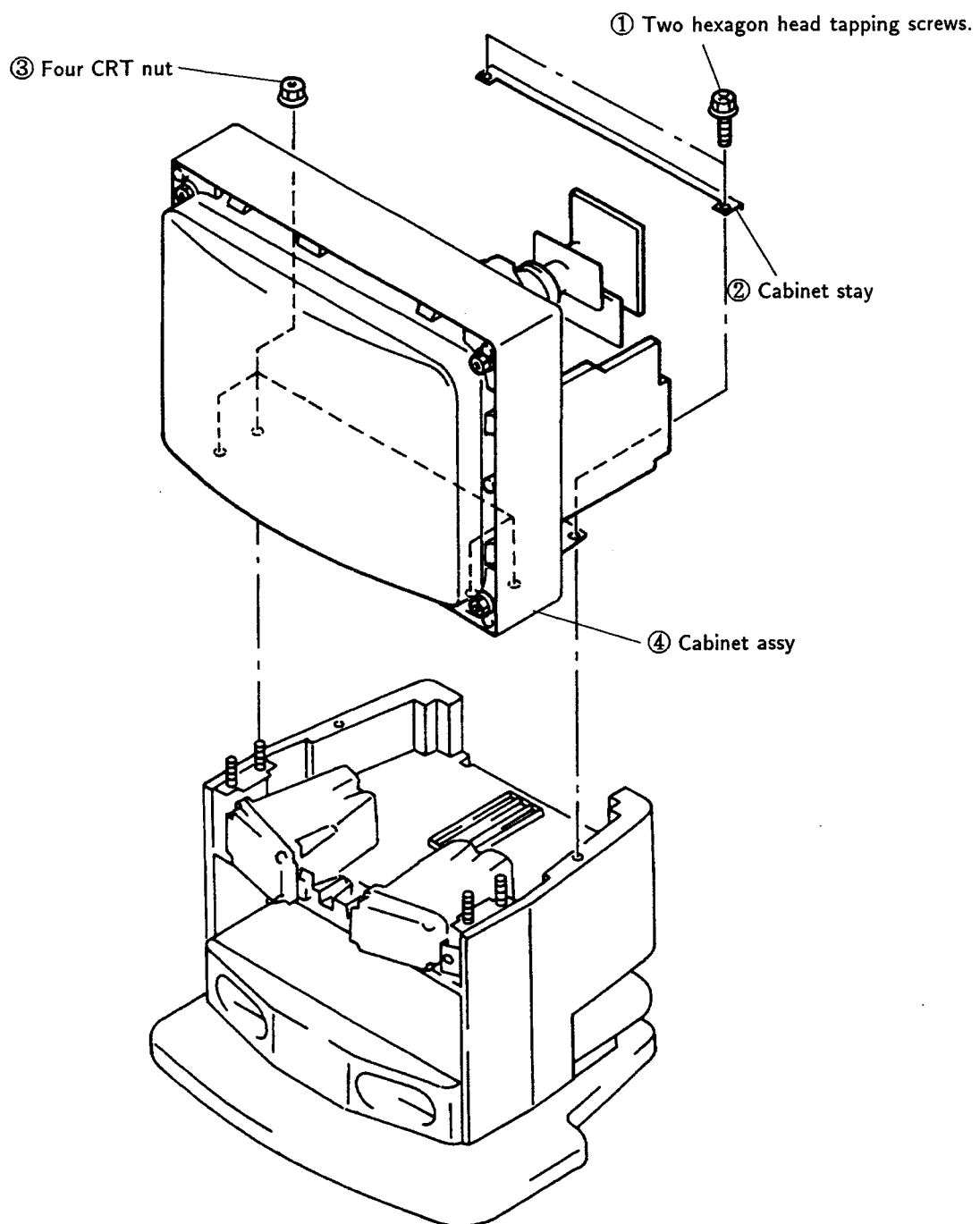
2-3. U BOARD REMOVAL



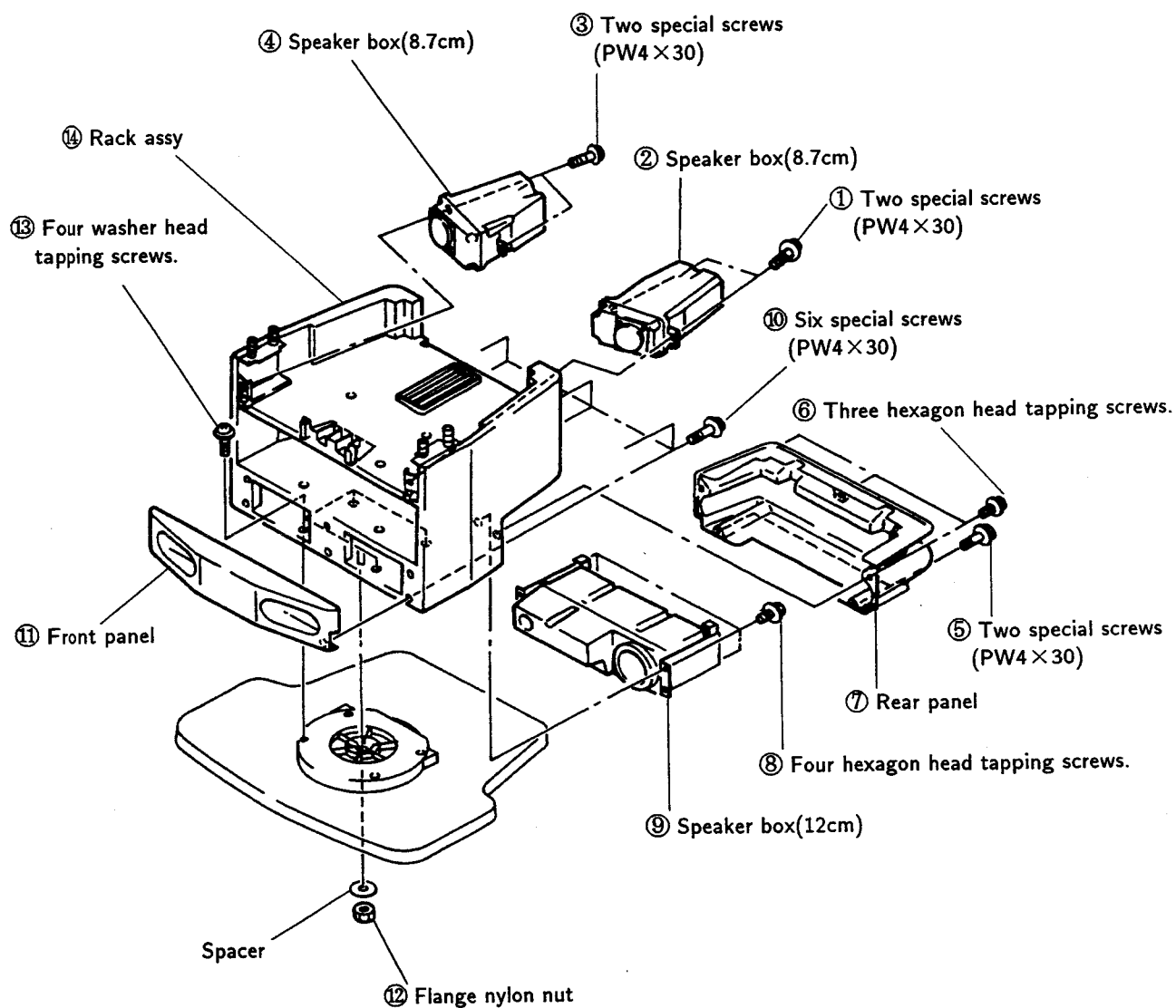
2-4. AMPLIFIER BOARD REMOVAL



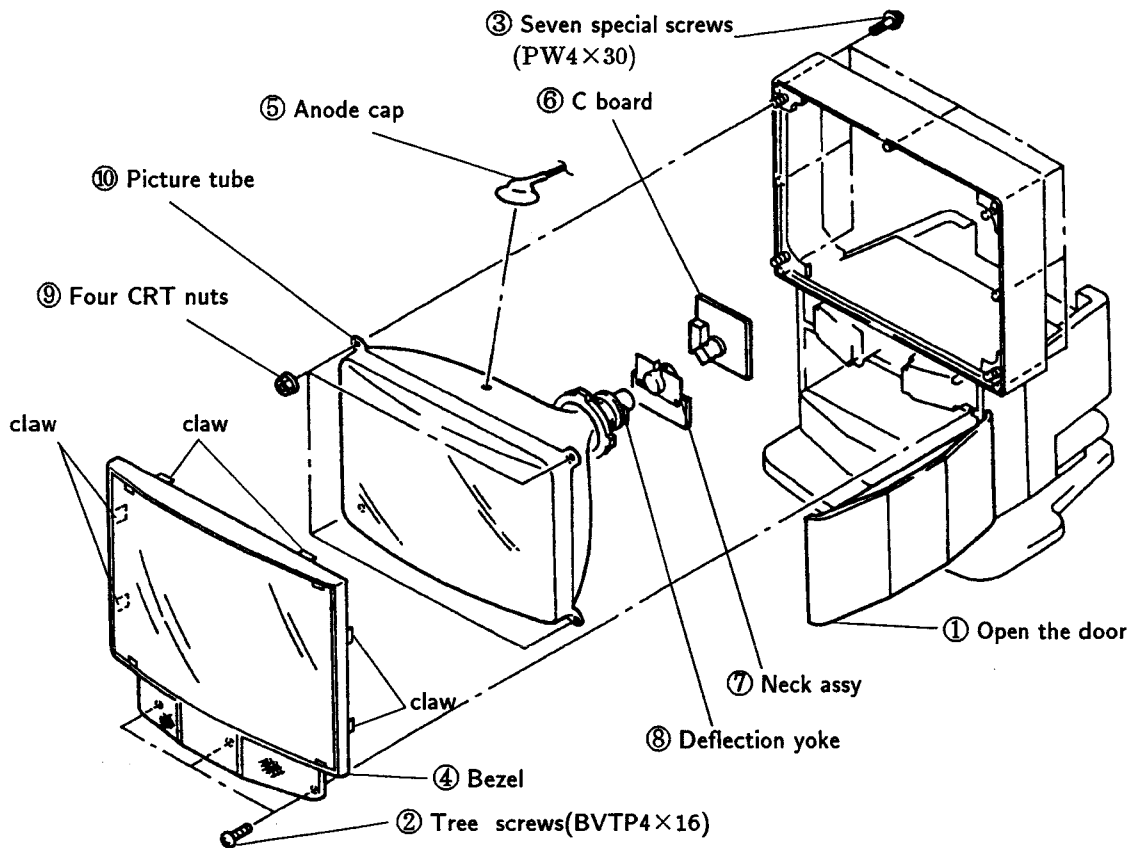
2-5. CABINET ASSY REMOVAL



2-6. RACK ASSY REMOVAL

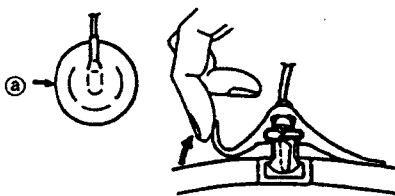


2-7. PICTURE TUBE REMOVAL

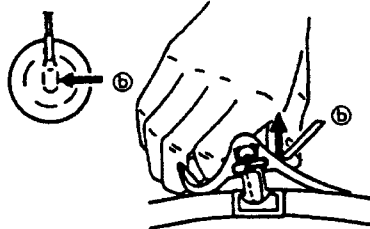


• REMOVAL OF ANODE-CAP • REMOVING PROCEDURES

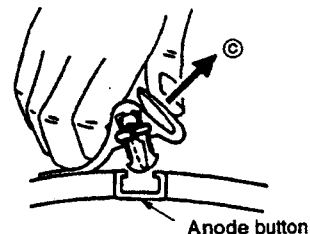
Note : Short circuit the anode of the picture tube and the anode cap to the metal chassis, CRT shield, or carbon painted on the CRT, after removing the anode.



① Turn up one side of the rubber cap in the direction indicated by the arrow (a).



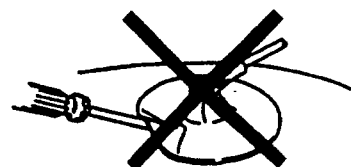
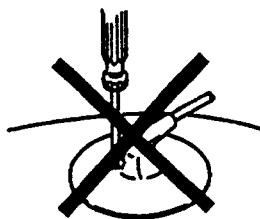
② Using a thumb pull up the rubber cap firmly in the direction indicated by the arrow (b).



③ When one side of the rubber cap is separated from the anode button, the anode-cap can be removed by turning up the rubber cap and pulling up it in the direction of the arrow (c).

• HOW TO HANDLE AN ANODE-CAP

- ① Don't hurt the surface of anode-caps with sharp shaped material!
- ② Don't press the rubber hardly not to hurt inside of anode-caps!
A material fitting called as shatter-hook terminal is built in the rubber.
- ③ Don't turn the foot of rubber over hardly!
The shatter-hook terminal will stick out or hurt the rubber.



SECTION 3 SET-UP ADJUSTMENTS

- The following adjustments should be made when a complete realignment is required or a new picture tube is installed.
- These adjustments should be performed with rated power supply voltage unless otherwise noted.

The control and switch below should be set as follows unless otherwise noted:

PICTURE control RESET
BRIGHTNESS control RESET

Perform the adjustments in order as follows:

1. Beam Landing
2. Convergence
3. Focus
4. White Balance

Note: Test Equipment Required.

1. Color-bar Pattern Generator
2. Degausser
3. DC Power Supply
4. Digital multimeter

Preparation:

- Set the side of the unit with the PICTURE TUBE so that it faces east or west in order to reduce the influence of external magnetic force.
- Position neck assy as shown in Fig.2.

3-1. BEAM LANDING

1. Input a raster signal with the pattern generator.
2. Loosen the deflection yoke mounting screw, and set the purity control to the center as shown in Fig.3.
3. Turn the raster signal of the pattern generator to green.
4. Move the deflection yoke backward, and adjust with the purity control so that green is in the center and red and blue are at the sides evenly. (Fig.4)
5. Move the deflection yoke forward, and adjust so that entire screen becomes green. (Fig.1)
6. Switch over the raster signal to red and blue and confirm the condition.
7. When the position of the deflection yoke is determined, tighten it with the deflection yoke mounting screw.
8. When landing at the corners is not right, adjust by using the disk magnets. (Fig.5)

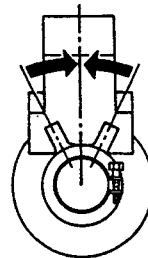


Fig. 3

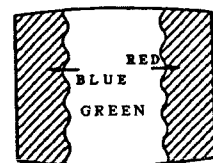


Fig. 4

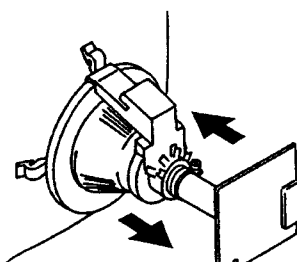


Fig. 1

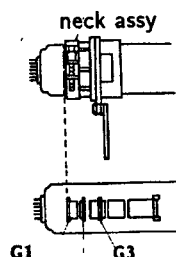


Fig.2

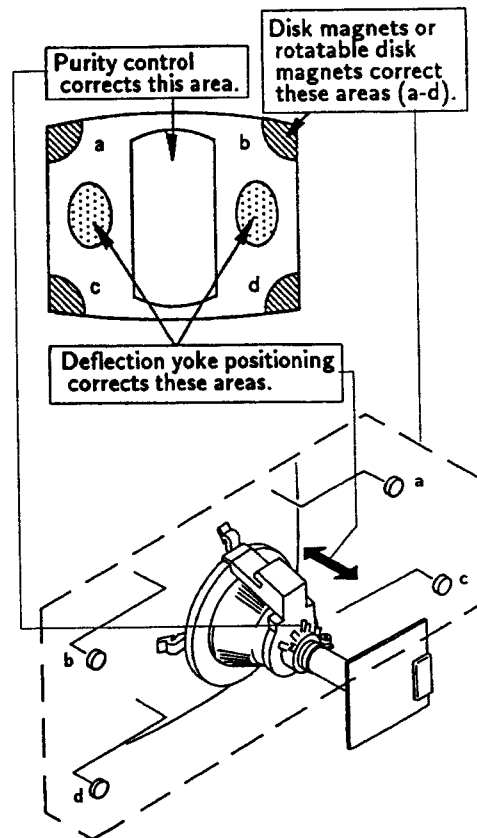


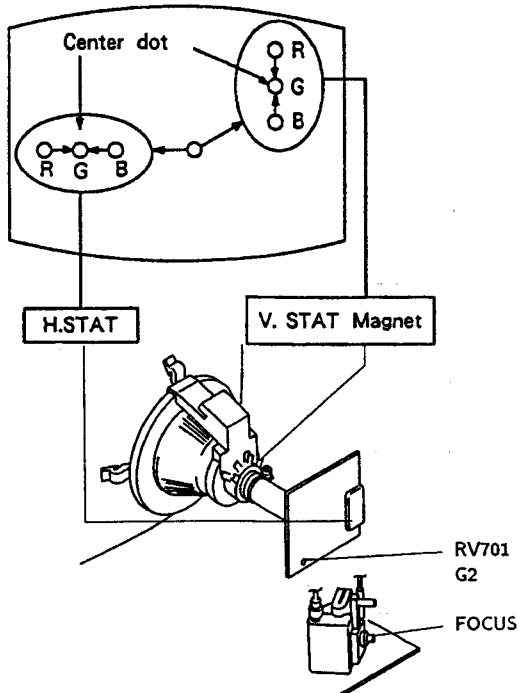
Fig. 5

3-2. CONVERGENCE

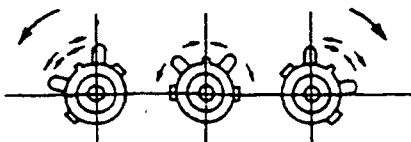
Preparation

- Before starting, perform FOCUS, H.SIZE, V.LIN and V.SIZE adjustments.
- Set BRIGHTNESS control to minimum.
- Feed in dot pattern and set the PICTURE control to RESET.

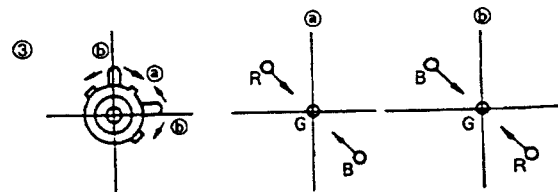
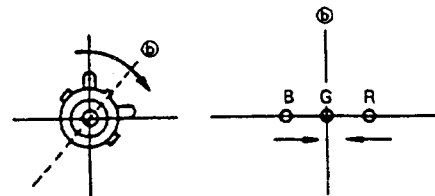
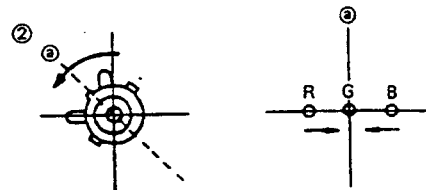
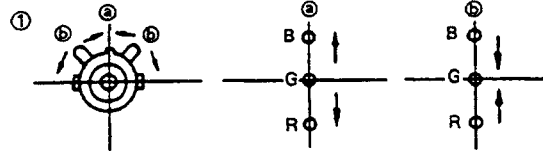
(1) Horizontal and Vertical Static Convergence



1. Adjust H.STAT VR to converge red, green and blue dots in the center of the screen. (Horizontal movement)
 2. Adjust V.STAT magnet to converge red, green and blue dots in the center of the screen. (Vertical movement)
 3. If the red, green and blue dots do not converge in the center of the screen with H.STAT VR, perform horizontal convergence adjustment using H.STAT VR and V.STAT magnet as shown below. (In this case, H.STAT VR and V.STAT magnet effect each other.)
- Tilt the V.STAT magnet and adjust static convergence to open or close the V.STAT magnet.



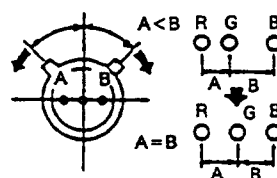
4. When the V.STAT magnet is moved in the direction of arrow ① and ②, red, green and blue dots move as shown below.



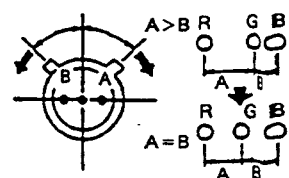
If the blue dot do not converge with red and green dots, perform following steps.

- HMC and VMC correction for BMC (Hexapole) Magnet
1. HMC (Horizontal Mis-convergence) correction and motion of the Electron Beam with the BMC Magnet.

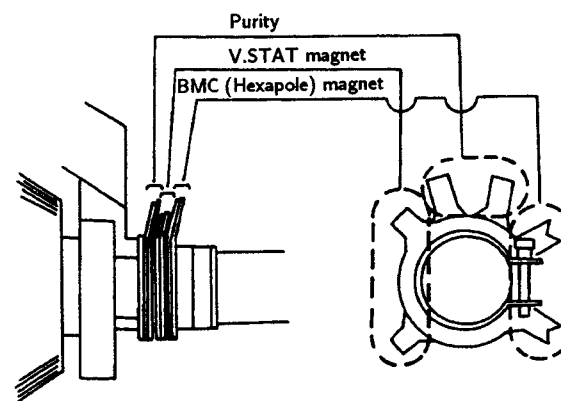
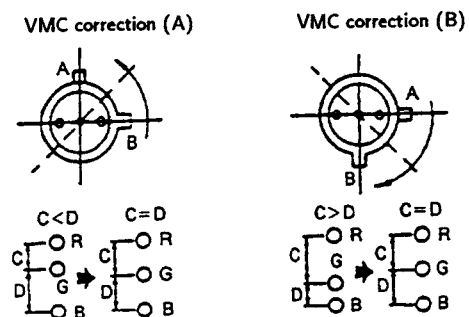
HMC correction (A)



HMC correction (B)



2. VMC (Vertical Mis-convergence) correction and motion of the Electron Beam with the BMC Magnet.



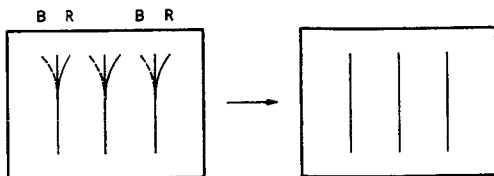
(2) Dynamic Convergence Circuit Adjustment

- Set to Service Mode.
- Input a cross-hatch signal.
- Press [1] and [4] select an item of adjustments.
- Adjust [3] and [6] to the best picture.

| ITME | NAME | REGISTER |
|-------|------|-----------|
| UYBO | VP | U. YBOW |
| LYBO | VP | L. YBOW |
| HAMP | VP | H. AMP |
| HTILT | VP | H. TILT |
| UCBO | VP | U. CBOW |
| UTIL | VP | U. TILT |
| LCBO | VP | L. CBOW |
| LTIL | VP | L. TILT |
| DCSH | VP | DC. SHIFT |

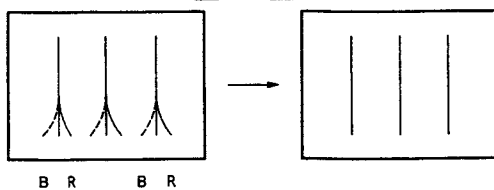
U. YBOW

Select UYBO with [1] and [4]



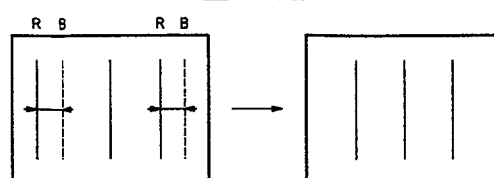
L. YBOW

Select LYBO with [1] and [4]



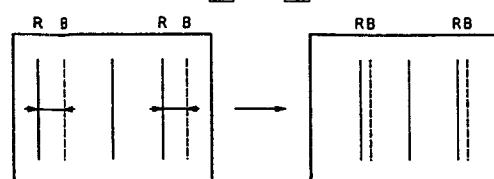
H. AMP

Select HAMP with [1] and [4]



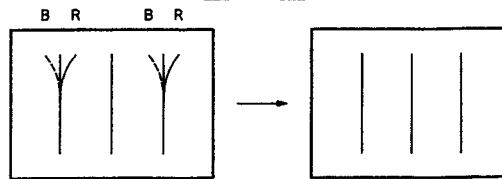
H. TILT

Select HTILT with [1] and [4]



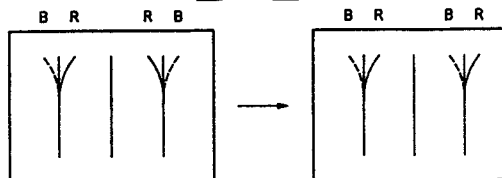
U. CBOW

Select UCBO with [1] and [4]



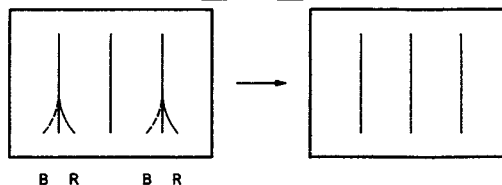
U. TILT

Select UTIL with [1] and [4]



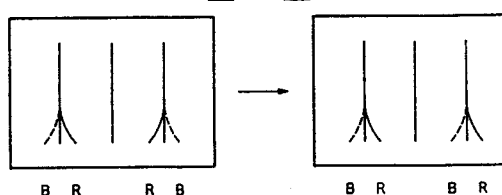
L. CBOW

Select LCBO with [1] and [4]



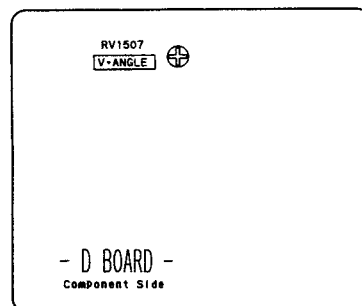
L. TILH

Select L. TIL with [1] and [4]



DC. SHIFT

1. Select DCSH with [1] and [4]
2. Set the data to "19" with [3] and [6]

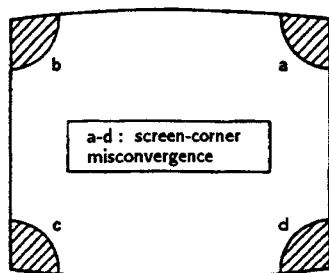


V-ANGLE ADJUSTMENT (RV1507)

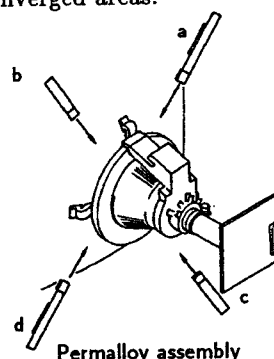
1. Receive cross-hatch signal.
2. Adjust RV1507, so that the central vertical line of screen is straight.



(3) Screen-corner Convergence



Affix a Permalloy ass'y corresponding to the misconverged areas.



3-3. FOCUS

1. Tune in an off-air signal.
2. PICTURE → control to 80%.
3. Adjust the focus VR on A board so that the focus at the center of the screen is optimum.
(A magenta ring will appear if the focus is adjusted only in the center of the screen.
Adjust evenly throughout the entire screen.)

3-4. G2. WHITE BALANCE ADJUSTMENTS

1. G2 (SCREEN) ADJUSTMENT(RV701)

- 1) Set the PICTURE and BRIGHTNESS to normal.
- 2) Confirm G1 voltage is within $30.0 \pm 5V$.
- 3) Apply DC voltage of 180V to the cathodes of R, G and B from DC stabilized power source.
- 4) While watching the picture, adjust the G2 control (RV701) to the just the retrace line disappears.

2. WHITE BALANCE ADJUSTMENT

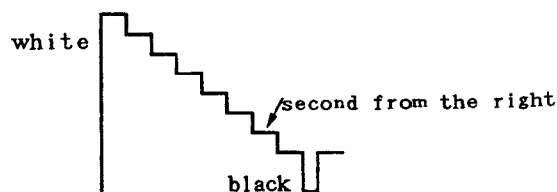
(Using the Remote Commander)

- 1) Set to service mode.
- 2) Press **VIDEO** → **RESET** to normal and if necessarys "TRINITRON" set to "LOW" by **+** or **-**.
- 3) Input an entire white signal.
- 4) Set the PICTURE to minimum.
- 5) Select S BRT with **1** and **4**, and then set the level to minimum with **3** and **6**.
- 6) Select G CUT and B CUT with **1** and **4**.
And adjust the level with **3** and **6** for the best white balance.
- 7) Set the PICTURE to maximum.
- 8) Select G AMP and B AMP with **1** and **4**, and adjust the level with **3** and **6** for the best white balance.

3. SUB BRIGHT ADJUSTMENT

(Using the Remote Commander)

- 1) Set to service mode.
- 2) Input a staircase signal of black and white from the pattern generator.
- 3) BRIGHTNESS ... RESET
PICTURE minimum
- 4) Select S BRT with **1** and **4**, and adjust SUB BRIGHT level with **3** and **6** so that the stripe second from the right is dimly lit.



SECTION 4 SAFETY RELATED ADJUSTMENTS

☒ R549 CONFIRMATION METHOD (HOLD-DOWN CONFIRMATION) AND READJUSTMENTS

The following adjustments should always be performed when replacing the following components (marked with ☒ on the schematic diagram).
IC301, PM501, R549, R564, R509 (A board)

①

1. Preparation before confirmation

- 1) Remove R663 on the G board and connect a variable resistor (RV1: about $10k\Omega$) between pin ① of IC653 and B+ line.
- 2) Supply $120 \pm 2.0V$ AC to with variable auto-transformer.

2. Hold-down operation confirmation

- 1) Turn the POWER switch ON, and receive entirely white signals and adjust ABL current to $1650 \pm 20 \mu A$ with PICTURE and BRIGHT etc controls.
- 2) Increase B+ line voltage gradually by adjusting the resistor of RV1. Confirm that the minimum voltage is less than $142.0V$ DC whereby the raster disappears during operation of hold-down circuit.

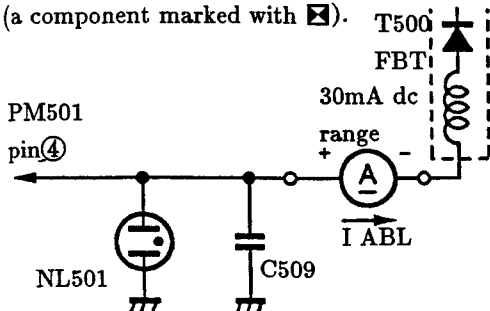
NOTE: When the hold-down circuit starts operating, switch OFF the POWER of the set immediately.

- 3) Turn the POWER switch ON, and receive dot signals and adjust ABL current to $150 \pm 20 \mu A$ with PICTURE and BRIGHT etc controls.
- 4) Increase B+ line voltage gradually by adjusting the resistor of RV1. Confirm that the minimum voltage is less than $144.5V$ DC whereby the raster disappears during operation of hold-down circuit.

NOTE: When the hold-down circuit starts operating, switch OFF the POWER of the set immediately.

3. Hold-down readjustment

When step 2 is not satisfied, readjustment should be performed by altering the resistance value of R549 (a component marked with ☒).



☒ R567 CONFIRMATION METHOD (HOLD-DOWN CONFIRMATION) AND READJUSTMENTS

The following adjustments should always be performed when replacing the following components (marked with ☒ on the schematic diagram).
IC301, IC653, PM501, D539, C556, R509, R556, R564, R567, R663, T500 (A board)

②

1. Preparation before confirmation

- 1) Turn the POWER switch ON, and receive entirely white signals and set the PICTURE and BRIGHT controls to maximum.
- 2) Confirm that voltage of the check terminal of TP-PROT is more than $122V$ DC when the set is operating normally with $120.0 \pm 2.0V$ AC supply.

2. Hold-down operation confirmation

- 1) Turn the POWER switch ON, and receive entirely white signals and adjust ABL current to $1650 \pm 20 \mu A$ with PICTURE and BRIGHT etc controls.
- 2) Apply DC voltage of over $130V$ DC gradually to the check terminal of TP-PROT via 1T40 from the DC stabilized power source.

Confirm that the minimum voltage is less than $145.0V$ DC whereby the raster disappears during operation of hold-down circuit.

NOTE: When the hold-down circuit starts operating, switch OFF the POWER of the set immediately.

- 3) Turn the POWER switch ON, and receive dot signals and adjust ABL current to $150 \pm 20 \mu A$ with PICTURE and BRIGHT etc controls.
- 4) Apply DC voltage of over $130V$ gradually to the check terminal of TP-PROT via 1T40 from the DC stabilized power source.

Confirm that the minimum voltage is less than $145.0V$ DC whereby the raster disappears during operation of hold-down circuit.

NOTE: When the hold-down circuit starts operating, switch OFF the POWER of the set immediately.

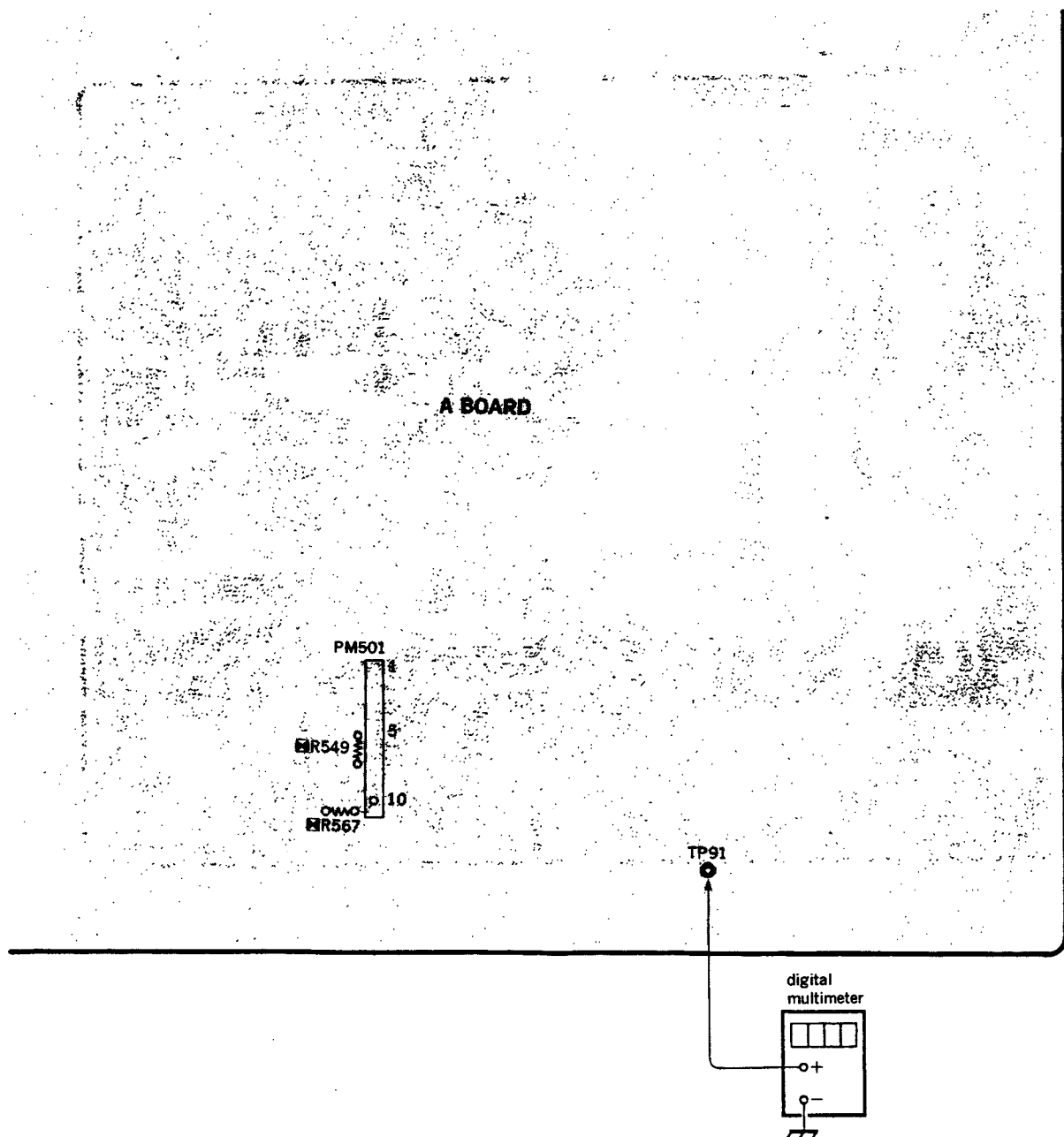
3. Hold-down readjustment

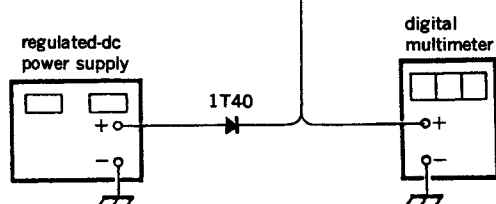
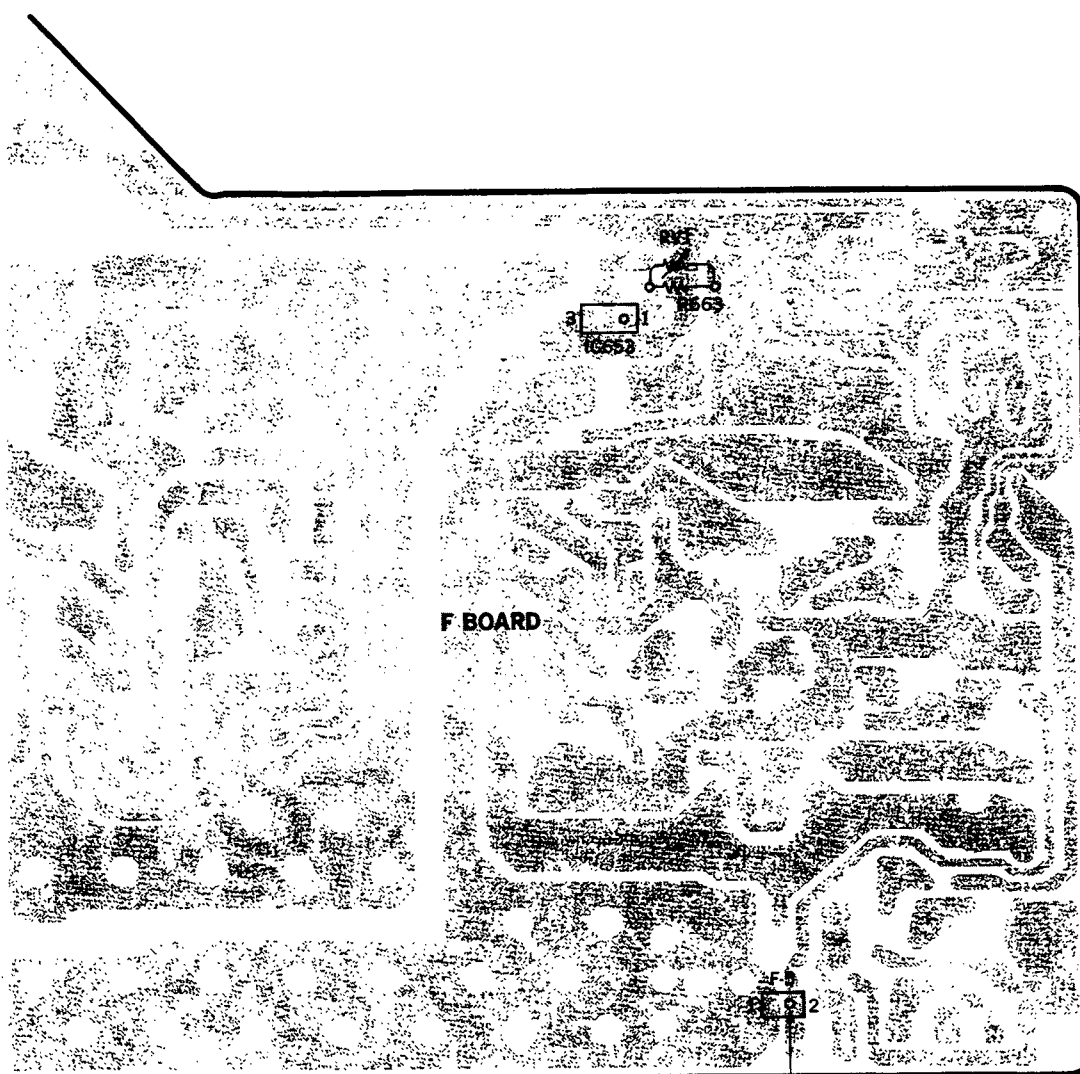
When step 2 is not satisfied, readjustment should be performed by altering the resistance value of R567 (a component marked with ☒).

B+ VOLTAGE CONFIRMATION

The following adjustments should always be performed when replacing IC653 and R663.

- 1) Supply 130 ± 1.0 V AC to with variable auto-transformer.
- 2) Receive entirely monoscope signal.
- 3) Set the PICTURE control and the BRIGHT controls in to initial reset.
- 4) Confirm the voltage of TP91 is less than 137.0V DC.
- 5) If step 4) is not satisfied, replace IC653 and R663 repeat above steps.





SECTION 5 CIRCUIT ADJUSTMENTS

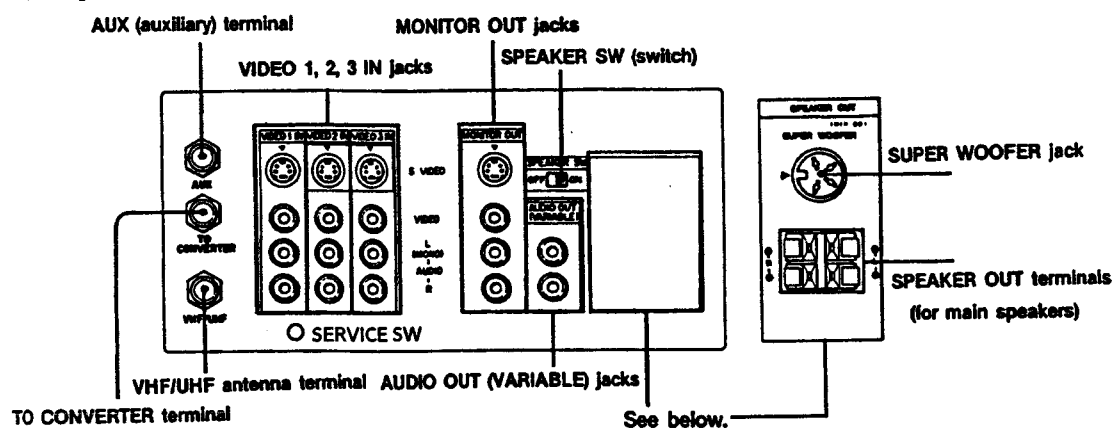
5-1. ELECTRICAL ADJUSTMENT BY REMOTE COMMANDER

Use of Remote Commander (RM-Y106, Y107) can be performed all circuit adjustments about this model.

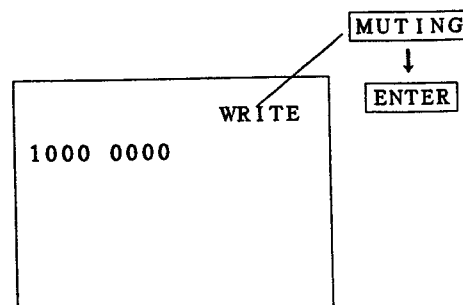
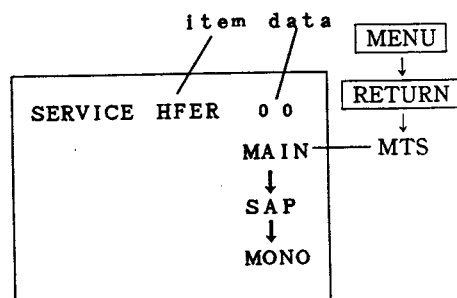
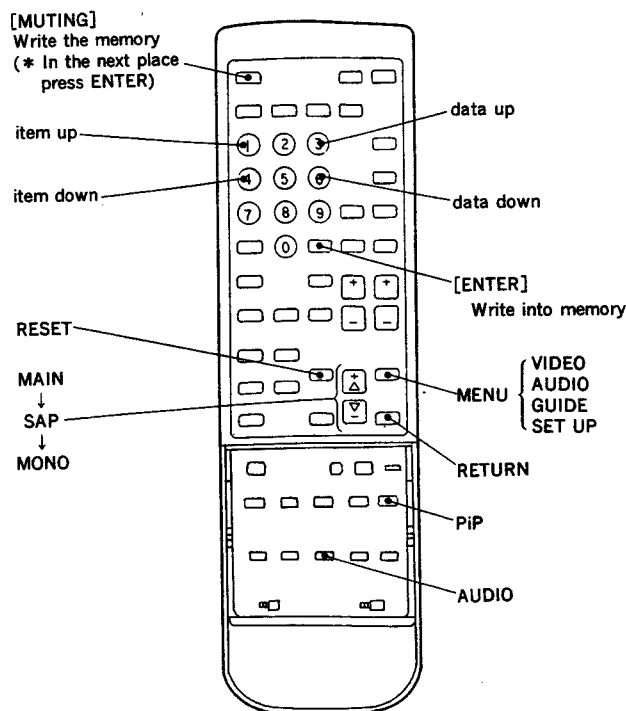
【 BASIC ADJUSTMENTS 】

1. METHOD OF SETTING THE SERVICE MODE

- 1) Press **POWER** button on the Remote Commander while pressing switch on the rear of the set.



2. ADJUST BUTTONS AND INDICATOR



3. AN ITEM OF ADJUSTMENT

| ITEM | NAME REGISTER | |
|------|---------------|----------------|
| HFRE | VP | H-FREQUENCY 1 |
| VFER | VP | V-FREQUENCY 1 |
| VPOS | VP | V-SHIFT |
| VSIZ | VP | V-SIZE |
| VLIN | VP | V-LINEARITY |
| VSCO | VP | S-CORRECTION |
| HPOS | VP | H-PHASE |
| HSIZ | VP | H-SIZE |
| PAMP | VP | PIN AMP. |
| CPIN | VP | CORNER PIN |
| PPHA | VP | PIN PHASE |
| VCOM | VP | V-COMP |
| GAMP | VP | GREEN AMP. |
| BAMP | VP | BLUE AMP. |
| GCUT | VP | GREEN CUT OFF. |
| BCUT | VP | BLUE CUTOFF |
| CROM | VP | CHROMA TRAP |
| SPIX | VP | PICTURE |
| SHUE | VP | HUE |
| SCOL | VP | COLOR |
| SBRT | VP | BRIGHT |
| RGBP | VP | RGB PICTURE |
| MPX | AP | ATT |
| FILO | AP | I1 |
| DEEM | AP | I2 |
| STEV | AP | OSC 1 |
| SAPV | AP | OSC 2 |
| PILO | AP | PILOT |
| SEP | AP | WIDE BAND |
| VD | AP | SPECTRAL |
| LVOL | AP | VOLUME-L |
| RVOL | AP | VOLUME-R |
| SHAR | VP | SHARPNESS |
| DISP | | ③PWM OUTPUT |

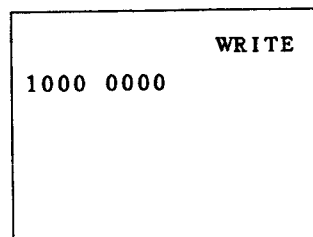
4. METHOD OF CANCELLATION FROM SERVICE MODE

Set the standby condition (Press **POWER** button on the commander) in the next place, press **POWER** button again, hereupon it becomes TV mode.

5. METHOD OF WRITE FOR MEMORY

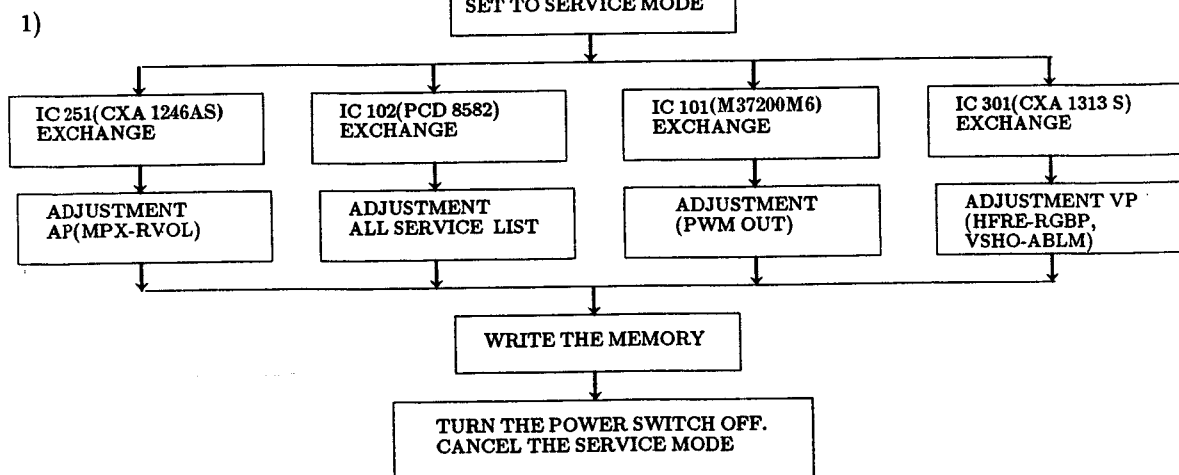
- 1) Set to Service Mode.
- 2) Press **1** (UP) and **4** (DOWN), select an item of adjustments.
- 3) Press **MUTING** button indicate WRITE (RED) on screen.
- 4) Press **ENTER** button to write for memory. (At this time WRITE (YELLOW) is indicated on screen.)

6. MEMORY WRITE CONFIRMATION METHOD



- 1) After adjustment, pull out the plug from AC outlet, and next place, plug in AC outlet again.
- 2) Turn the power switch ON and set to Service Mode.
- 3) Call the adjusted items again, confirm they were adjusted.

7. ADJUSTMENT WHEN REPLACING IC



NOTE : If service mode is canceled before writing into memory, the adjustment data is not recorded.
Please write into memory, after adjustment.

- 2) The following initial setting should always be performed when replacing the IC 102 (PCD 8582).

| ITEM | NAME REGISTER | | ADJUSTMENT |
|-------|---------------|---------|------------|
| VSOM | VP | VSMO | 0 |
| AFC | VP | AFC 1.0 | 0 |
| REF | VP | REF 1.0 | 2 |
| ROFF | VP | OFF NR | 1 |
| G OFF | VP | OFF NG | 1 |
| BOFF | VP | OFF NB | 1 |
| ABLM | VP | ABLM | 1 |
| TEST | AP | T | 0 |
| DRGB | VP | DRGB | 1 |

*Please with the memory each items by pressing **MUTING** → and then press **ENTER**.

5-2. CIRCUIT ADJUSTMENT

RF AGC ADJUSTMENT (IF BLOCK VR)

- 1) Input a color-bar signal.
- 2) Adjust AGC VR of IF 201 so that snow noise and cross-modulation disappear from the picture.
- 3) Confirm them at every channel.

H. FREQUENCY ADJUSTMENT (HFRE)

- 1) Set to Service Mode.
- 2) Input a color-bar signal.
- 3) Connect a frequency counter to base of Q 502.
- 4) Call the item of AFC, set to 3 level (free run).
- 5) Select HFRE with **1** and **4**.
- 6) Adjust **3** and **6** to the 15.735 ± 60 Hz level.
- 7) Call the item of AFC again, adjust the level "00".
- 8) Write into the memory by pressing **MUTING** → then **ENTER**.

V. FREQUENCY ADJUSTMENT (VFRE)

- 1) Set the Service Mode.
- 2) Receive an off-air signal (VIDEO IN → no signal).
- 3) Connect the frequency counter across pin ⑥ of A-81 connector and ground.
- 4) Select VFER with **1** and **4**.
- 5) Adjust **3** and **6** to the 55 ± 1 Hz.
- 6) Write the memory by pressing **MUTING** → then **ENTER**.

CHROMA TRAP ADJUSTMENT (CROM)

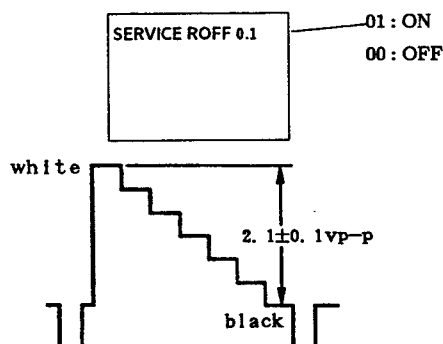
- 1) Set to Service Mode.
- 2) Input a color-bar signal.
- 3) Select NOTCH (VIDEO condition), turn ON by pressing **+**. And then set the COLOR VR to maximum setting position and SHARPNESS control to center.
- 4) Connect an oscilloscope to TP47R (R OUT) on C board.
- 5) Select C ROM with **1** and **4**, and then adjust 3.58MHz (CHROMA) ingredient is minimum with **3** and **6**.
- 6) Write into the memory by pressing **MUTING** → then **ENTER**.
- 7) Set NOTCH to OFF, and make normal condition with **VIDEO** → then **RESET**.

SUB CONTRAST ADJUSTMENT (SPIX)

- 1) Set to Service Mode.
- 2) Input a color-bar signal. (75 IRE)
- 3) Set the conditions as follows.

PICTURE MAX
COLOR MIN
R OFF ON
G OFF OFF
B OFF OFF

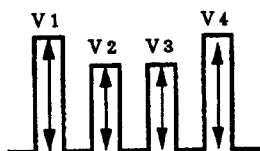
Press **VIDEO** → **-** (L) (It becomes minimum).
Select **3** (ON) and **6** (OFF) with **1** and **4**.



- 4) Connect an oscilloscope to TP47R (R OUT) on C board.
- 5) Adjust **3** and **6** to the 2.1 ± 0.1 Vp-p level by selecting SPIX with **1** and **4**.
- 6) Write the memory by pressing **MUTING** → then **ENTER**.
- 7) Return the following back to normal after adjustment.
G OFF ON
B OFF ON
COLOR CENTER
PICTURE 80%

SUB HUE, SUB COLOR ADJUSTMENT (SHUE, SCOL)

- 1) Input a color-bar signal.
- 2) Press **VIDEO** → then **RESET** to normal.
- 3) Set to Service Mode.
- 4) Connect an oscilloscope to TP47B (B OUT) on C board.
- 5) Adjust **3** and **4** to the $V1=V4$ and $V2=V3$ by select to SHUE and SCOL with **1** and **4**.



- 6) Write into the memory by pressing **MUTING** → then **ENTER**.

V. SIZE ADJUSTMENT (VSIZ)

- 1) Set to Service Mode.
- 2) Input a cross-hatch signal.
- 3) Adjust **3** and **6** to the best vertical size by selecting VSIZ with **1** and **4**.
- 4) Write into the memory by pressing **MUTING** → then **ENTER**.

H. SIZE ADJUSTMENT (HSIZ)

- 1) Input a cross-hatch signal.
- 2) Press **VIDEO** → then **RESET** to normal.
- 3) Set to Service Mode.
- 4) Adjust **3** and **6** to best horizontal size by selecting HSIZ with **1** and **4**.
- 5) Write into the memory by pressing **MUTING** → then **ENTER**.

H. CENTER ADJUSTMENT (HPOS)

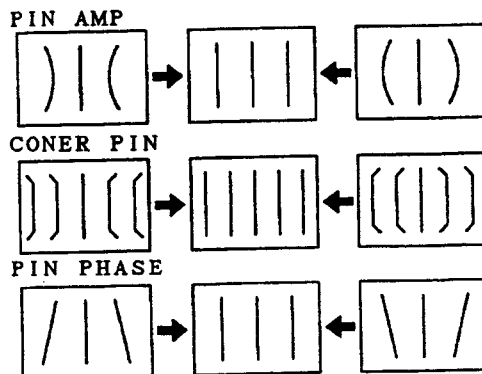
Note : Perform this adjustment after H.FREQ adjustment.

- 1) Input a cross-hatch signal.
- 2) Press **VIDEO** → then **RESET** to normal.
- 3) Set to Service Mode.
- 4) Select HPOS with **1** and **4**.
- 5) Adjust **3** and **6** to the best picture.
- 6) Write into the memory by pressing **MUTING** → then **ENTER**.



PIN AMP, CORNER PIN AND PIN PHASE ADJUSTMENT

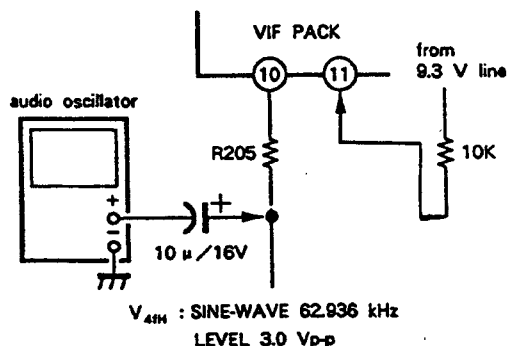
- 1) Input a cross-hatch signal.
- 2) Press **VIDEO** → then **RESET** to normal.
- 3) Set to Service Mode.
- 4) Select PAMP, CPIN and PPHA with **1** and **4**.
- 5) Adjust **3** and **6** to the best picture.



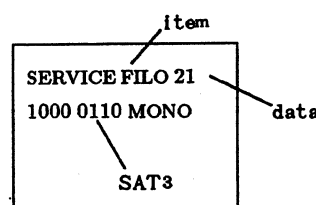
- 6) Write the memory by **MUTING** → **ENTER**.

FILTER ADJUSTMENT (MPX FIOL)

- 1) Set to Service Mode.
- 2) Select to **TEST** with **1** and **4**, set the data to "1". Then select MPX and change data to "08".
- 3) Connect an audio oscillator to R205 using electrolytic capacitor (10 μ F/16V), set frequency to 62.936kHz.

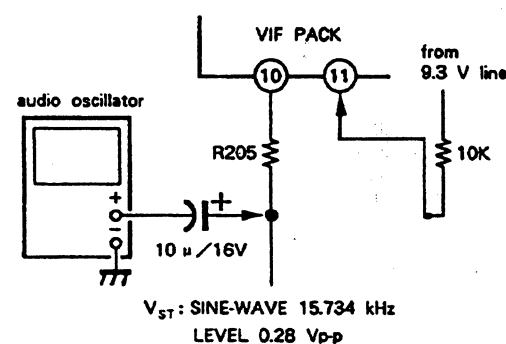


- 4) Make the data "00" by selecting FILO with **1** and **4**.
And then, send up the data gradually by pressing **6**.
Set the data to D1 before SAT3 changing to 1 from 0.
- 5) Send up the data gradually. Set data D2 when SAT3 changes 0 from 1.
- 6) Adjust the data of FIOL to $\frac{D1 + D2}{2}$.
- 7) Write into the memory by pressing **MUTING** → then **ENTER**.

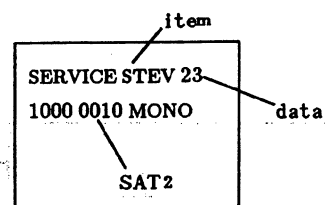


ST VCO ADJUSTMENT (MPX STEV)

- 1) Set to Service Mode.
- 2) Select TEST with **1** and **4**, set the data to "1".
And then press **MTS** to MONO.
- 3) Select MPX, set the data "8".
- 4) Connect an audio oscillator to R205 using electrolytic capacitor (10μF/16V) and apply the frequency V_{ST} .



- 5) Select STEV with **1** and **4**, set the data to "00" with **6**. And then, send up the data gradually. Set the data to D1 before SAT2 changes from 0 to 1.
- 6) Send up data gradually, set the data to D2 when SAT2 changes 1 from 0.
- 7) Adjust the data of STEV to $\frac{D1 + D2}{2}$.
- 8) Write into the memory by pressing **MUTING** → then **ENTER**.



MPX IN LEVEL ADJUSTMENT (MPX)

- 1) Set to Service Mode.
- 2) Select TEST with **1** and **4**, set the data to "0" with **6**. And then press **MTS** to MONO.
- 3) Select MPX with **1** and **4**, set the data to "08" with **3** and **6**.
- 4) Write into the memory by pressing **MUTING** → then **ENTER**.

PILOT CANCEL ADJUSTMENT (PILO)

- 1) Set to the Service Mode.
- 2) Select TEST with **1** and **4**, set the data to "0" with **6**. And then press **MTS** to MAIN.
- 3) Select PILO with **1** and **4**, set the data to "08" with **3** and **6**.
- 4) Write into the memory by pressing **MUTING** → then **ENTER**.

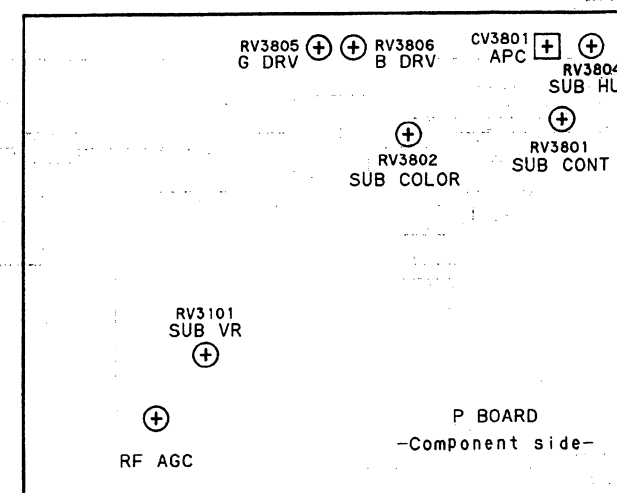
SAP VCO for ADJUSTMENT (SAPV)

- 1) Set to Service Mode.
- 2) Receive a stereo broadcast signal with SAP.
- 3) Select TEST with **1** and **4**, set to the data to "0".
And then, press to **MTS** to MAIN.
- 4) Connect a digital multimeter to pin ① of A-23 connector. This voltage reading will equal V1.
- 5) Press MTS to SAP and this voltage will equal V2.
- 6) Select SAPV with **1** and **4**, adjust **3** and **6** so that $V2 = V1 \pm 0.03$ VDC.
- 7) Write the memory by **MUTING** → **ENTER**.

SEPARATION ADJUSTMENT (SEP)

- 1) Set to Service Mode.
- 2) Press **MTS** to MAIN and receive a monoral broadcast signal.
In the next step, receive a stereo broadcast signal.
- 3) Select SEP and VD with **1** and **4**, adjust **3** and **6** so that a clear stereo sound is effected.

P BOARD ADJUSTMENT

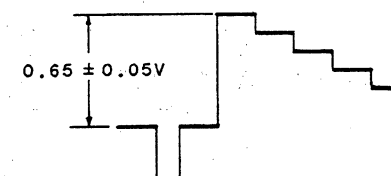


RF AGC ADJUSTMENT (IF BLOCK VR)

- 1) Receive a color-bar signal.
- 2) Set to PICTURE IN PICTURE mode.
- 3) Adjust AGC VR of IF3201 so that snow noise and cross-modulation disappear from the picture.
- 4) Confirm them at every channel.

SUB CONTRAST ADJUSTMENT (RV3801)

- 1) Receive a color-bar signal.
- 2) Set to PICTURE IN PICTURE mode.
- 3) Observe signal at pin ⑤ (Y OUT) of P-3 connector an oscilloscope.
- 4) Adjust RV3801 (SUB CONT) so that the signal level between white and pedestal becomes 0.65 ± 0.05 V as shown.

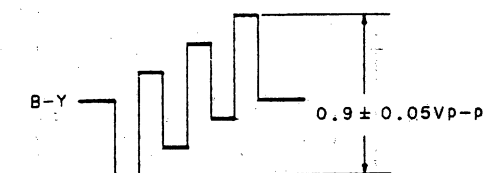


APC ADJUSTMENT (CV3801)

- 1) Set to PICTURE IN PICTURE mode.
- 2) Short circuit between pin ③ of IC3803 and ground with a jumper wire.
- 3) connect a frequency counter to pin ④ of IC3803.
- 4) Adjust CV3801 to obtain $3,579,545 \pm 40$ Hz.

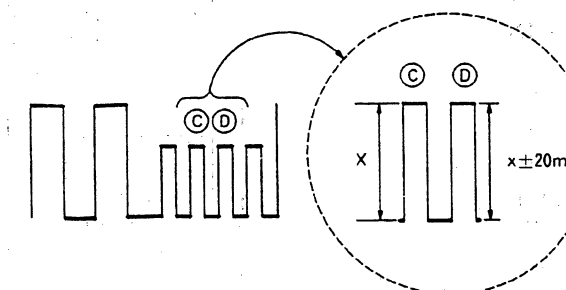
SUB COLOR ADJUSTMENT (RV3802)

- 1) Receive a color-bar signal
- 2) Set to PICTURE IN PICTURE mode.
- 3) COLOR.....RESET
HUE.....center
- 4) Connect an oscilloscope to pin ⑦ of P-3 connector.
- 5) Adjust RV3802 so that voltage is 0.9 ± 0.05 Vp-p.



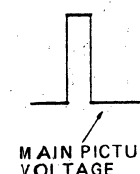
SUB HUE ADJUSTMENT (RV3804)

- 1) Receive a color-bar signal
- 2) Set to PICTURE IN PICTURE mode. (1/4 SIZE)
- 3) PICTURE.....80%
BRIGHT.....center
COLOR.....center
HUE.....RESET
- 4) Connect an oscilloscope to pin ⑤ of P-32 connector.
- 5) Adjust RV3804 so that the ③ coincides with ⑤ as shown in figure.



WHITE B.

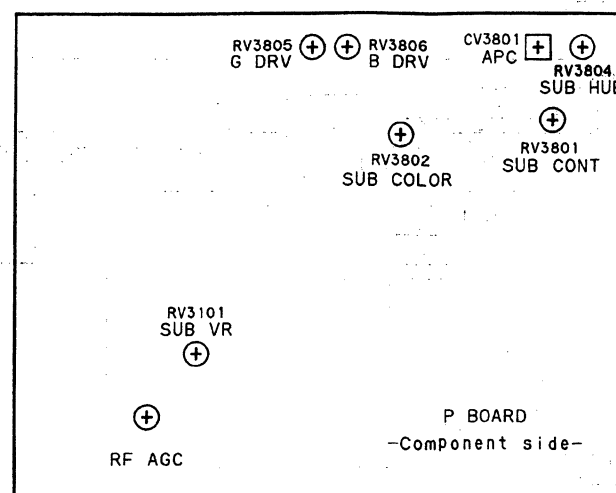
- 1) Adjust i main pic
- 2) Set to P
- 3) PICTUF BRIGHT TORINI
- 4) Receive picture e
- 5) Connect confirm and mai
- 6) Connect adjust R sub pict main pic
- 7) Connect adjust R sub pict main pic



SUB AUC

- 1) Receive
- 2) Set to P
- 3) Select si commar
- 4) Adjust picture picture.

P BOARD ADJUSTMENT

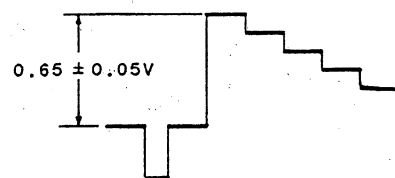


RF AGC ADJUSTMENT (IF BLOCK VR)

- 1) Receive a color-bar signal.
- 2) Set to PICTURE IN PICTURE mode.
- 3) Adjust AGC VR of IF3201 so that snow noise and cross-modulation disappear from the picture.
- 4) Confirm them at every channel.

SUB CONTRAST ADJUSTMENT (RV3801)

- 1) Receive a color-bar signal.
- 2) Set to PICTURE IN PICTURE mode.
- 3) Observe signal at pin ⑤ (Y OUT) of P-3 connector on an oscilloscope.
- 4) Adjust RV3801 (SUB CONT) so that the signal level between white and pedestal becomes $0.65 \pm 0.05V$ as shown.

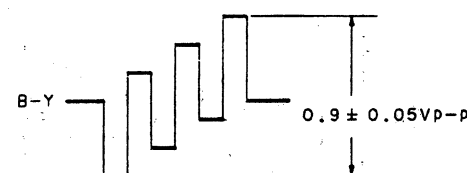


APC ADJUSTMENT (CV3801)

- 1) Set to PICTURE IN PICTURE mode.
- 2) Short circuit between pin ② of IC3803 and ground with a jumper wire.
- 3) Connect a frequency counter to pin ④ of IC3803.
- 4) Adjust CV3801 to obtain $3,579,545 \pm 40Hz$.

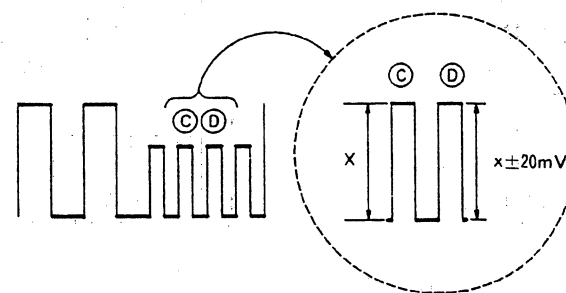
SUB COLOR ADJUSTMENT (RV3802)

- 1) Receive a color-bar signal.
- 2) Set to PICTURE IN PICTURE mode.
- 3) COLOR.....RESET
HUE.....center
- 4) Connect an oscilloscope to pin ⑦ of P-3 connector.
- 5) Adjust RV3802 so that voltage is $0.9 \pm 0.05V_{p-p}$.



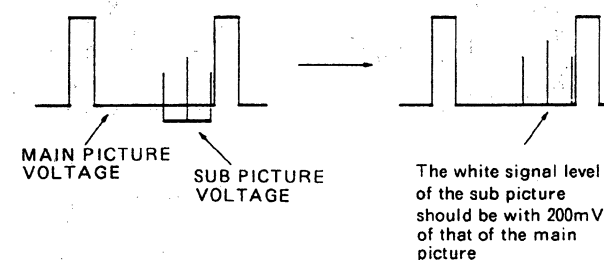
SUB HUE ADJUSTMENT (RV3804)

- 1) Receive a color-bar signal.
- 2) Set to PICTURE IN PICTURE mode. (1/4 SIZE)
- 3) PICTURE.....80%
BRIGHT.....center
COLOR.....center
HUE.....RESET
- 4) Connect an oscilloscope to pin ⑤ of P-32 connector.
- 5) Adjust RV3804 so that the ③ coincides with ② as shown in figure.



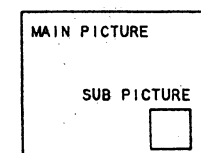
WHITE BALANCE (sub picture)

- 1) Adjust it after WHITE BALANCE adjusted of main picture.
- 2) Set to PICTURE IN PICTURE mode. (1/4 SIZE)
- 3) PICTURE.....maximum
BRIGHT.....maximum
TORINITONE.....low
- 4) Receive the white signal with both the main picture and the sub picture.
- 5) Connect an oscilloscope to KR of C BOARD and confirm that the white signal levels of sub picture and main picture are the same.
- 6) Connect the oscilloscope to KG of C BOARD and adjust RV1805 so that the white signal level of the sub picture matches the white signal level of the main picture.
- 7) Connect the oscilloscope to KB of C BOARD and adjust RV1806 so that the white signal level of the sub picture matches the white signal level of the main picture.

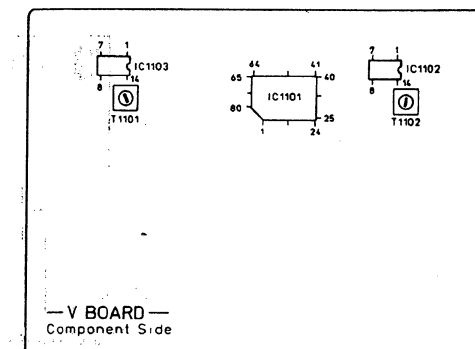


SUB AUDIO ADJUSTMENT (RV3101)

- 1) Receive an off-air signal.
- 2) Set to PICTURE IN PICTURE mode.
- 3) Select sub picture with press **AUDIO** button on the commander.
- 4) Adjust RV3101 so that the audio level of the sub picture becomes same the audio level of the main picture.



V BOARD ADJUSTMENTS



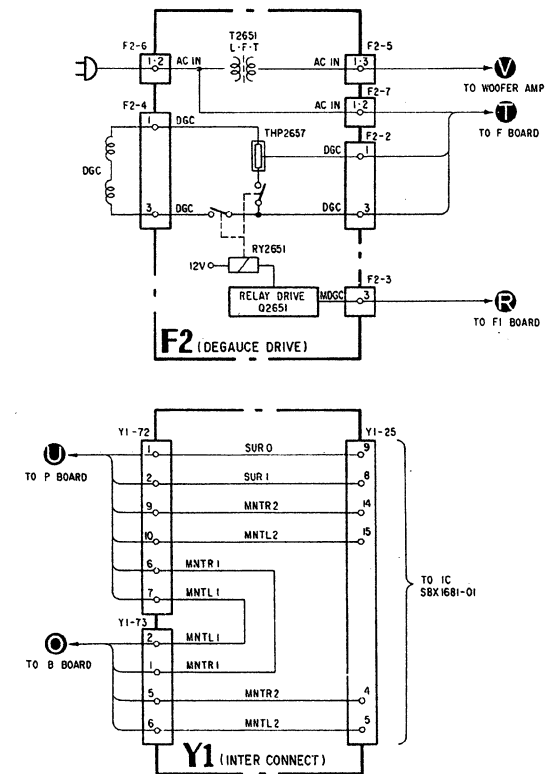
H. FREQ (main picture) (T1101)

- 1) Receive a color-bar signal.
- 2) Set to PICTURE IN PICTURE mode.
- 3) Short circuit between the pin ③ of V-2 (HDR) connector and pin ⑤ of V-1 (5V) connector with a jumper wire.
- 4) Connect a frequency counter to pin ⑦ of V-2 (RGB) connector.
- 5) Adjust T1101 (CLK(P)) for $15.734 kHz \pm 10Hz$.

H. FREQ (sub picture) (T1102)

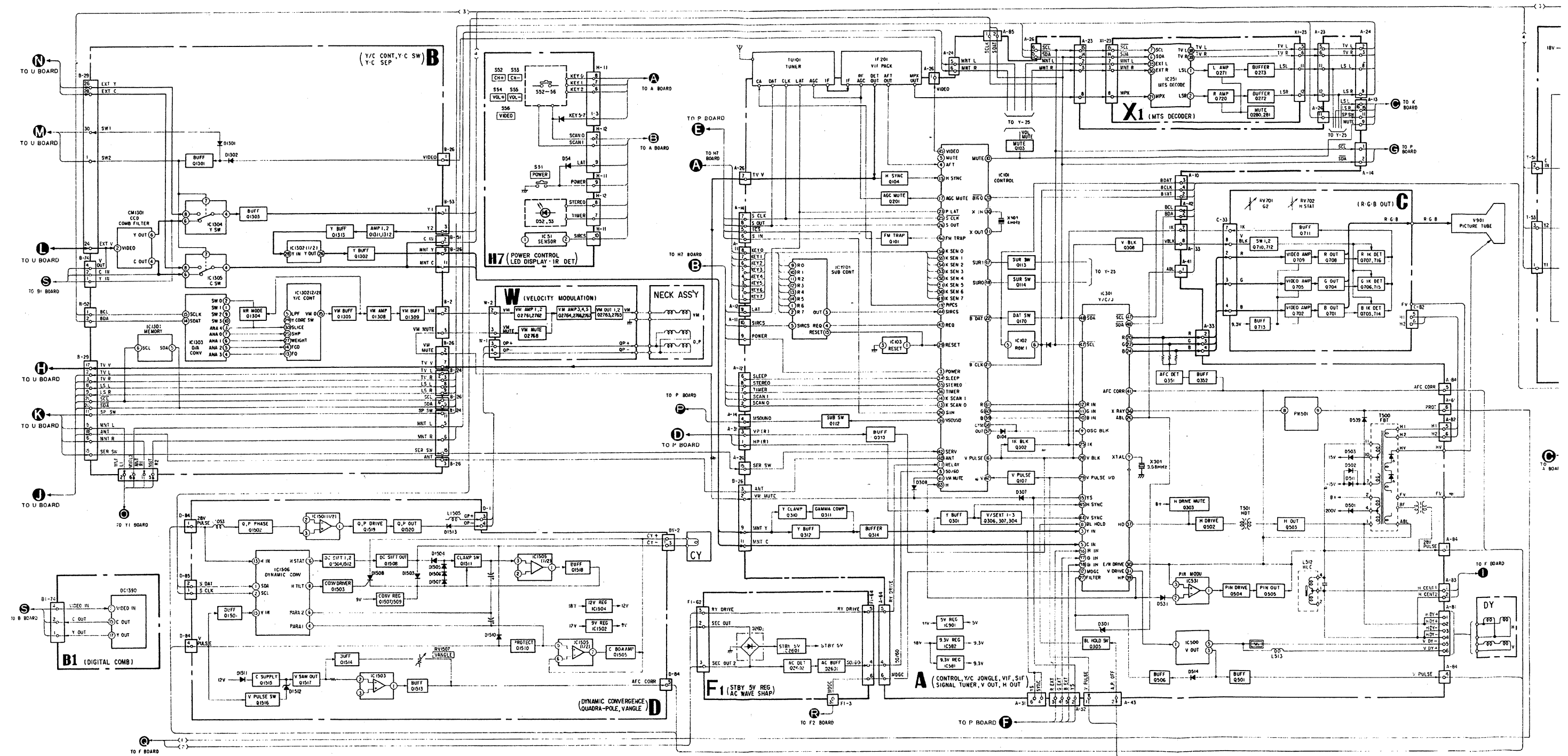
- 1) Receive a color-bar signal.
- 2) Set to PICTURE IN PICTURE mode.
- 3) Short circuit between the pin ③ of V-3 (SYNC) connector and pin ⑤ of V-1 (5V) connector with a jumper wire.
- 4) Connect a frequency counter to pin ② of V-3 (HDW) connector.
- 5) Adjust T1102 (CLK(C)) for $15.734 kHz \pm 10Hz$.

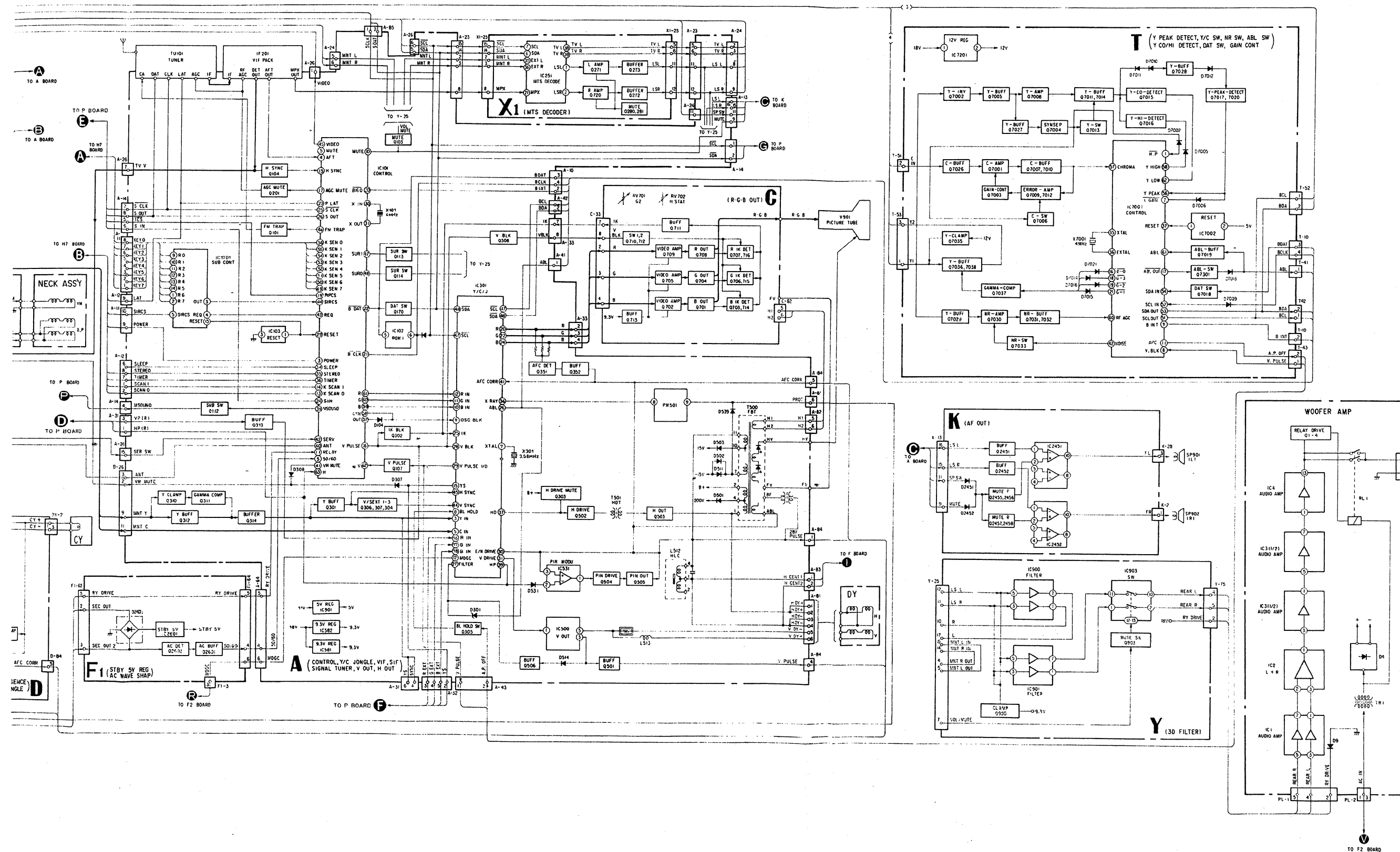
KV-29XBR85
RM-Y108



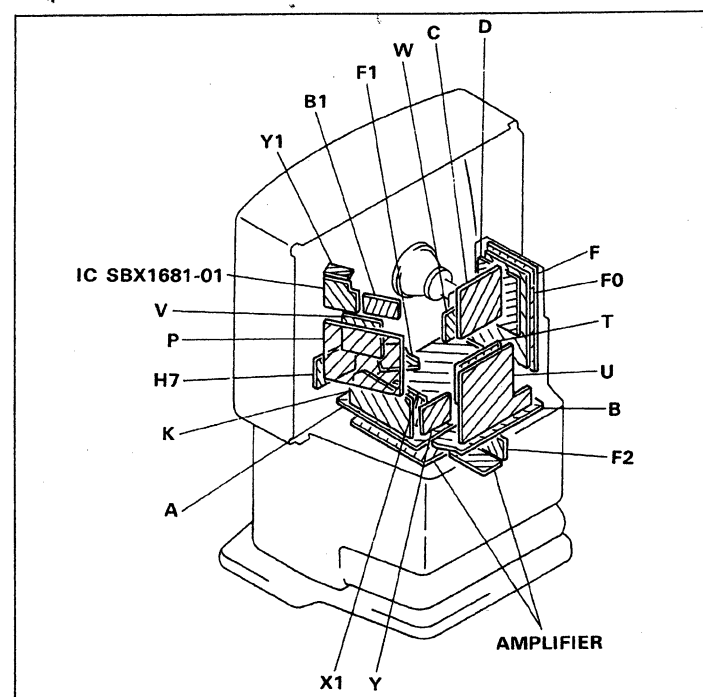
KV-29XBR85
RM-Y108

KV-29XBR85
RM-Y108





6-2. CIRCUIT BOARDS LOCATION



6-3. PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS

Note :

- All capacitors are in μF unless otherwise noted.
 pF : μF 50 WV or less are not indicated except for electrolytics.
- Indication of resistance, which does not have one for rating electrical power, is as follows.

Pitch : 5 mm
Rating electrical power 1/4W

- All resistors are in ohms.
- : nonflammable resistor.
- : fusible resistor.
- Δ : internal component.
- : panel designation, and adjustment for repair.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
- The components identified by in this basic schematic diagram have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.
- When replacing components identified by , make the necessary adjustments indicated. If results do not meet the specified value, change the component identified by and repeat the adjustment until the specified value is achieved. (Refer to R542 and R543 on page 26-27.)
- When replacing the part in below table be sure to perform the related adjustment.

| Part replaced () | Adjustment () |
|---|---------------------|
| IC301, PM501, R549, R564 | R549 (HOLD-DOWN) |
| IC301, IC653, PM501, D539, C556, R556, R564, R567, R663, T500, R509 | R567 (HOLD-DOWN) |

- All voltages are in V.
- Voltage are dc with respect to ground unless otherwise noted.
- Readings are taken with a 10 M Ω digital multimeter.
- Readings are taken with a color-bar signal input.
- Voltage variations may be noted due to normal production tolerance.
- : B+ bus.
- : B- bus.
- : signal path.

Reference information

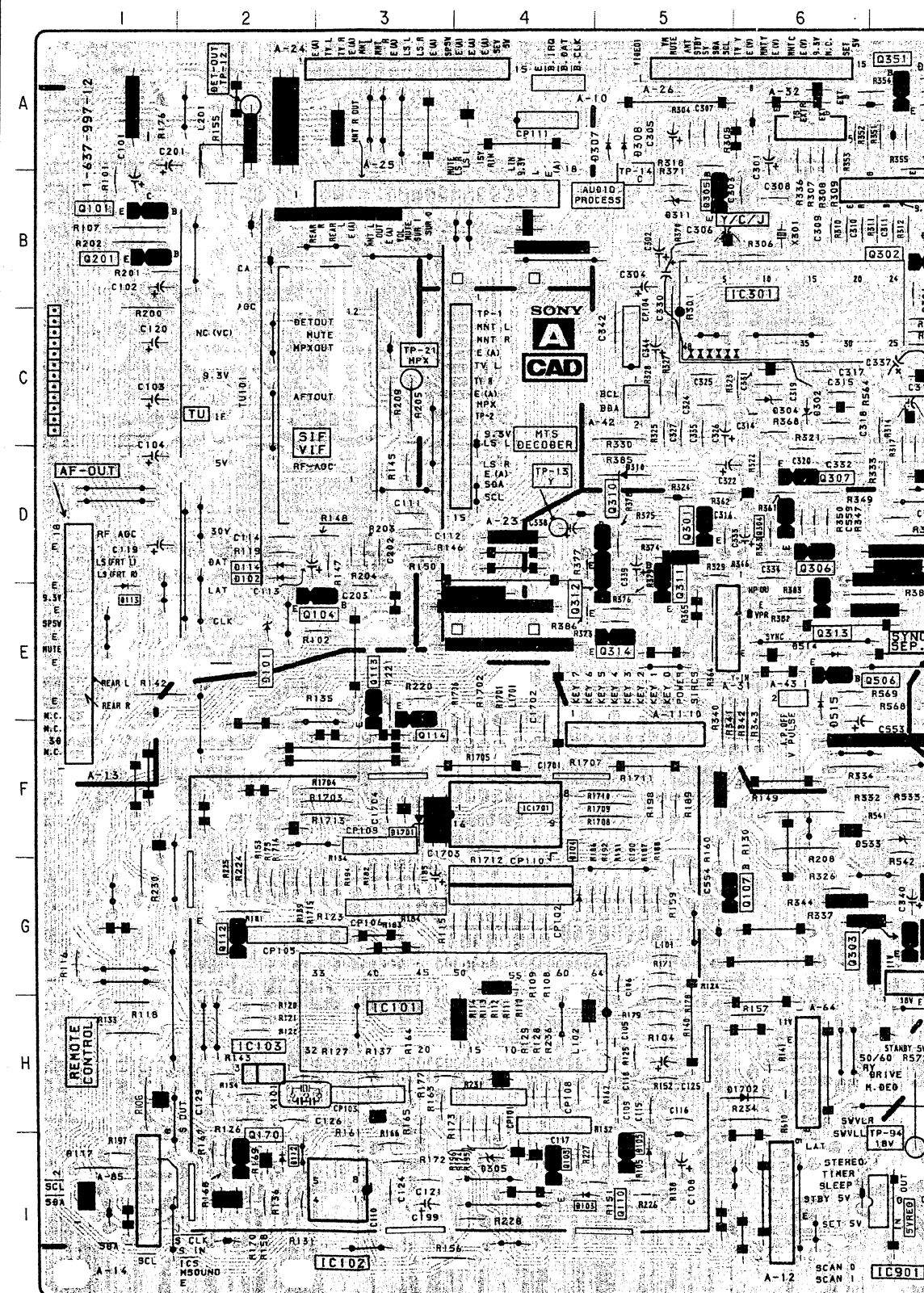
| | |
|-----------|-------------------------------|
| RESISTOR | : RN METAL FILM |
| | : RC SOLID |
| | : FPRD NONFLAMMABLE CARBON |
| | : FUSE NONFLAMMABLE FUSIBLE |
| | : RW NONFLAMMABLE WIREWOUND |
| | : RS NONFLAMMABLE METAL OXIDE |
| | : RB NONFLAMMABLE CEMENT |
| COIL | : LF-8L MICRO INDUCTOR |
| CAPACITOR | : TA TANTALUM |
| | : PS STYROL |
| | : PP POLYPROPYLENE |
| | : PT MYLAR |
| | : MPS METALIZED POLYESTER |
| | : MPP METALIZED POLYPROPYLENE |
| | : ALB BIPOLAR |
| | : ALT HIGH TEMPERATURE |
| | : ALR HIGH RIPPLE |

Note: The components identified by shading and mark are critical for safety. Replace only with part number specified.

Note: Les composants identifiés par un tramé et une marque sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

| IC | | |
|------------|------|-----------|
| IC101 | H-3 | D302 C-6 |
| IC102 | I-3 | D303 B-7 |
| IC103 | H-2 | D304 C-6 |
| IC301 | B-6 | D305 I-4 |
| IC500 | E-8 | D307 A-5 |
| IC531 | I-9 | D308 A-5 |
| IC581 | G-7 | D310 D-5 |
| IC582 | I-7 | D311 B-5 |
| IC901 | I-7 | D350 A-7 |
| IC1701 | F-4 | D500 F-8 |
| | | D501 C-9 |
| | | D502 B-8 |
| | | D503 A-9 |
| | | D504 F-8 |
| | | D505 C-9 |
| | | D506 H-10 |
| | | D507 I-10 |
| | | D508 H-10 |
| | | D509 F-8 |
| | | D510 D-9 |
| | | D511 B-8 |
| | | D512 E-12 |
| | | D513 E-8 |
| | | D514 E-6 |
| | | D515 E-6 |
| | | D517 F-8 |
| | | D531 F-7 |
| | | D533 F-7 |
| | | D539 H-8 |
| | | D1701 F-3 |
| TRANSISTOR | | |
| Q101 | B-1 | |
| Q103 | I-4 | |
| Q104 | E-3 | |
| Q107 | G-6 | |
| Q110 | I-5 | |
| Q112 | G-2 | |
| Q113 | E-3 | |
| Q114 | E-3 | |
| Q170 | I-2 | |
| Q201 | B-1 | |
| Q301 | D-5 | |
| Q302 | B-7 | |
| Q303 | G-7 | |
| Q304 | D-6 | |
| Q305 | B-5 | |
| Q306 | D-6 | |
| Q307 | D-6 | |
| Q308 | B-7 | |
| Q310 | D-5 | |
| Q311 | D-5 | |
| Q312 | D-5 | |
| Q313 | E-6 | |
| Q314 | E-5 | |
| Q351 | A-7 | |
| Q352 | A-7 | |
| Q501 | D-8 | |
| Q502 | I-12 | |
| Q503 | G-12 | |
| Q504 | H-10 | |
| Q505 | I-10 | |
| Q506 | E-6 | |
| DIODE | | |
| D101 | E-2 | |
| D102 | D-2 | |
| D103 | I-4 | |
| D104 | G-4 | |
| D105 | I-5 | |
| D112 | I-2 | |
| D113 | D-1 | |
| D114 | D-2 | |
| D301 | D-7 | |
| TEST POINT | | |
| TP12 | A-2 | |
| TP13 | D-4 | |
| TP14 | A-5 | |
| TP21 | C-3 | |
| TP80 | I-9 | |
| TP82 | E-9 | |
| TP87 | D-10 | |
| TP91 | I-10 | |
| TP92 | A-9 | |
| TP93 | B-8 | |
| TP94 | I-7 | |
| TP95 | B-9 | |
| TP96 | I-9 | |
| TP97 | C-9 | |

- A Board -



TUNER, H OUT
VIF, V OUT
SIF, Y/C JUNGLE
PLL CONTROLLER

A

A

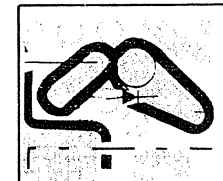
KV-29XBR85
RM-Y108

KV-29XBR85
RM-Y108

TUNER, H OUT
VIF, V OUT
SIF, Y/C JUNGLE
PLL CONTROLLER

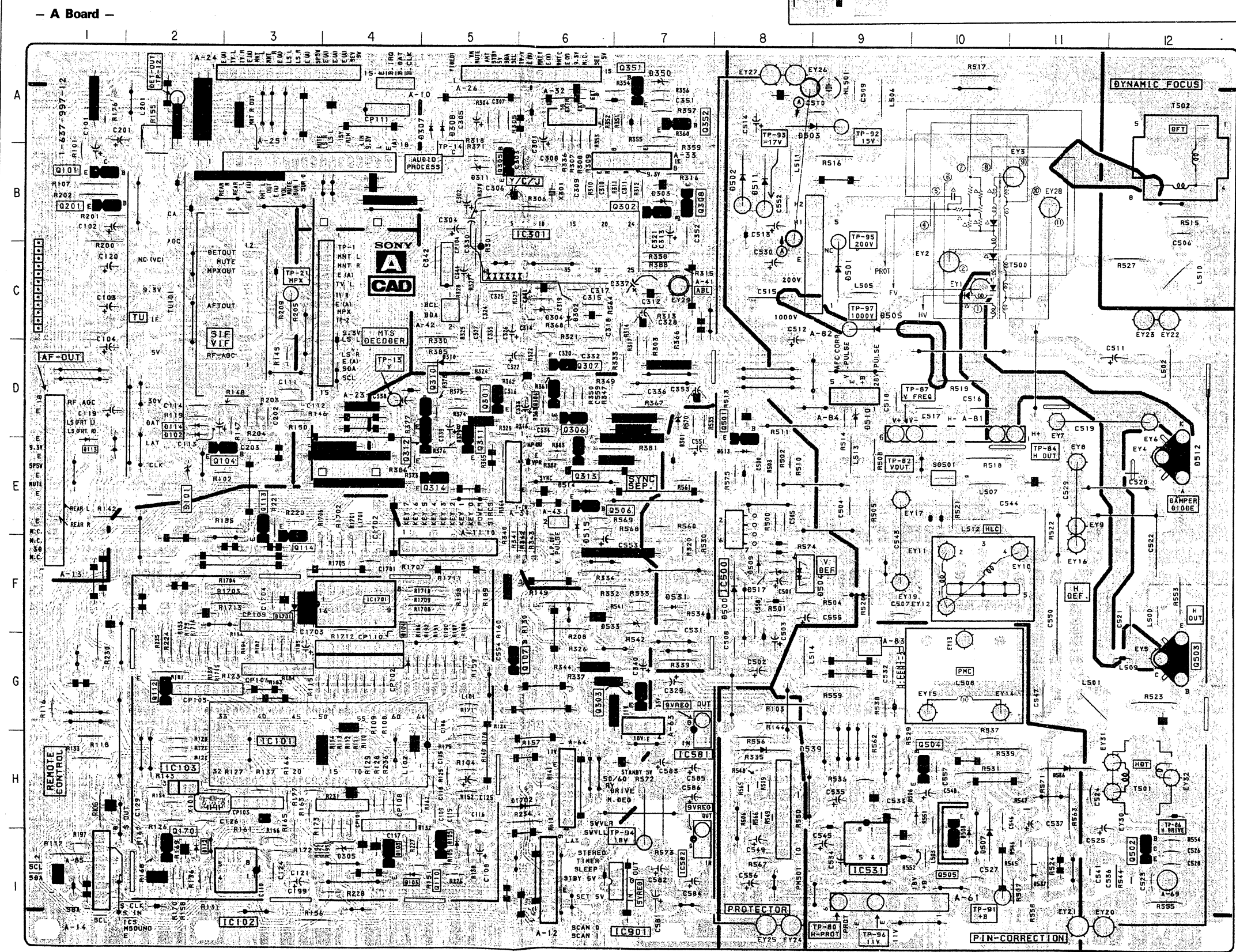
A

A



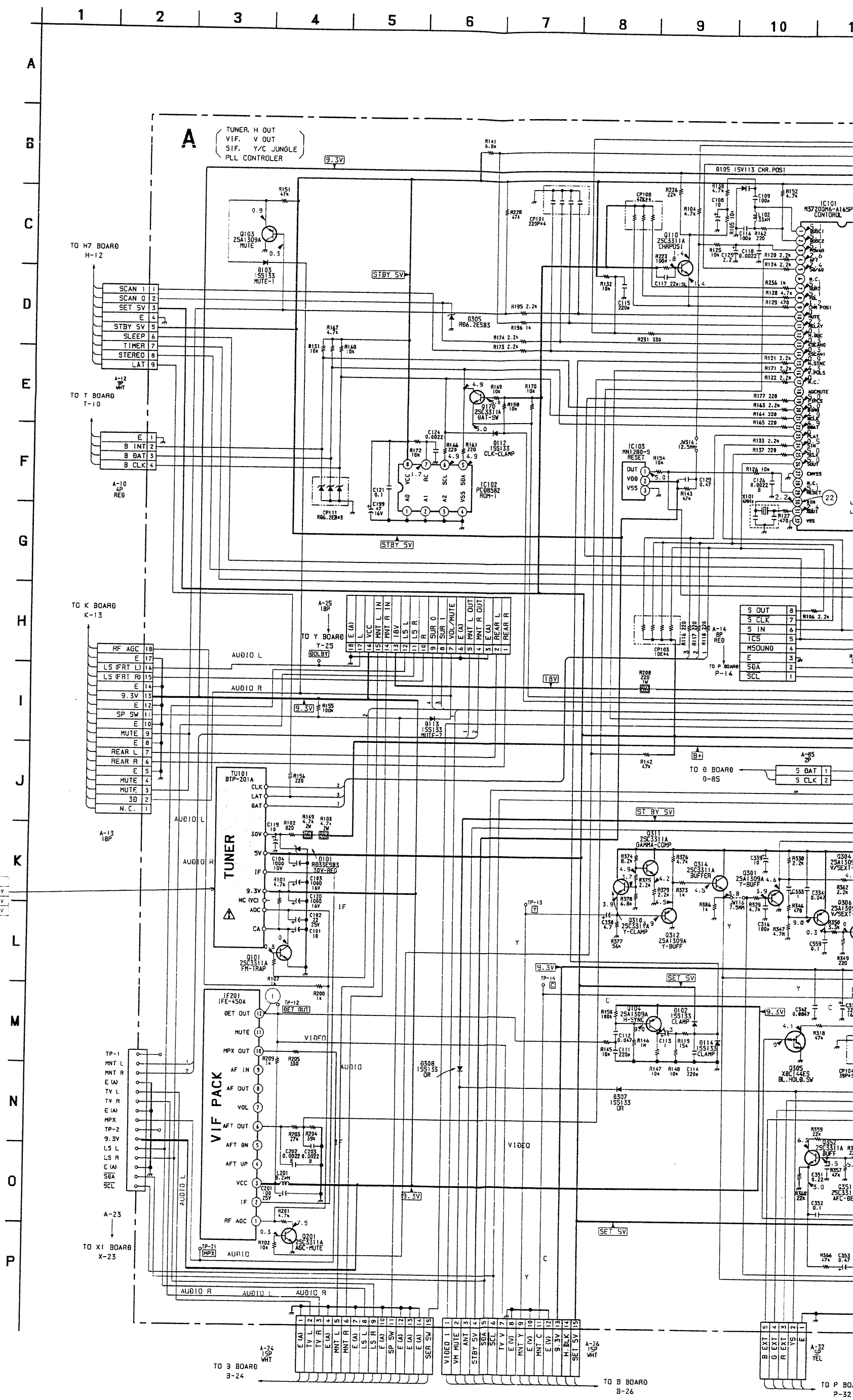
NOTE:
The circuit indicated as left contains high voltage of over 600 Vp-p. Care must be paid to prevent an electric shock in inspection or repairing.

| IC | | D302 | C-6 |
|------------|------|------------|------|
| IC101 | H-3 | D303 | B-7 |
| IC102 | I-3 | D304 | C-6 |
| IC103 | H-2 | D305 | I-4 |
| IC301 | B-6 | D307 | A-5 |
| IC500 | E-8 | D308 | A-5 |
| IC531 | I-9 | D310 | D-5 |
| IC581 | G-7 | D311 | B-5 |
| IC582 | I-7 | D350 | A-7 |
| IC901 | I-7 | D500 | F-8 |
| IC1701 | F-4 | D501 | C-9 |
| | | D502 | B-8 |
| | | D503 | A-9 |
| TRANSISTOR | | D504 | F-8 |
| Q101 | B-1 | D505 | C-9 |
| Q103 | I-4 | D506 | H-10 |
| Q104 | E-3 | D507 | I-10 |
| Q107 | G-6 | D508 | H-10 |
| Q110 | I-5 | D509 | F-8 |
| Q112 | G-2 | D510 | D-9 |
| Q113 | E-3 | D511 | B-8 |
| Q114 | E-3 | D512 | E-12 |
| Q170 | I-2 | D513 | E-8 |
| Q201 | B-1 | D514 | E-6 |
| Q301 | D-5 | D515 | E-6 |
| Q302 | B-7 | D517 | F-8 |
| Q303 | G-7 | D531 | F-7 |
| Q304 | D-6 | D533 | F-7 |
| Q305 | B-5 | D539 | H-8 |
| Q306 | D-6 | D1701 | F-3 |
| Q307 | D-6 | TEST POINT | |
| Q308 | B-7 | TP12 | A-2 |
| Q310 | D-5 | TP13 | D-4 |
| Q311 | D-5 | TP14 | A-5 |
| Q312 | D-5 | TP21 | C-3 |
| Q313 | E-6 | TP80 | I-9 |
| Q314 | E-5 | TP82 | E-9 |
| Q351 | A-7 | TP87 | D-10 |
| Q352 | A-7 | TP91 | I-10 |
| Q501 | D-8 | TP92 | A-9 |
| Q502 | I-12 | TP93 | B-8 |
| Q503 | G-12 | TP94 | I-7 |
| Q504 | H-10 | TP95 | B-9 |
| Q505 | I-10 | TP96 | I-9 |
| Q506 | E-6 | TP97 | C-9 |
| DIODE | | | |
| D101 | E-2 | | |
| D102 | D-2 | | |
| D103 | I-4 | | |
| D104 | G-4 | | |
| D105 | I-5 | | |
| D112 | I-2 | | |
| D113 | D-1 | | |
| D114 | D-2 | | |
| D301 | D-7 | | |



MEASURE USING NVM

| CHANNEL | VOL. AGE |
|------------------------------|----------------|
| SWITCH 2-CH. A CH. A-6 CH. B | 5.5V1V-20.5V1V |
| SWITCH 2-CH. 6 CH. A-6 CH. B | 5.5V1V-25.0V1V |
| SWITCH 2-CH. 6 CH. A-6 CH. B | 5.5V1V-25.0V1V |

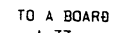
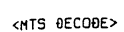


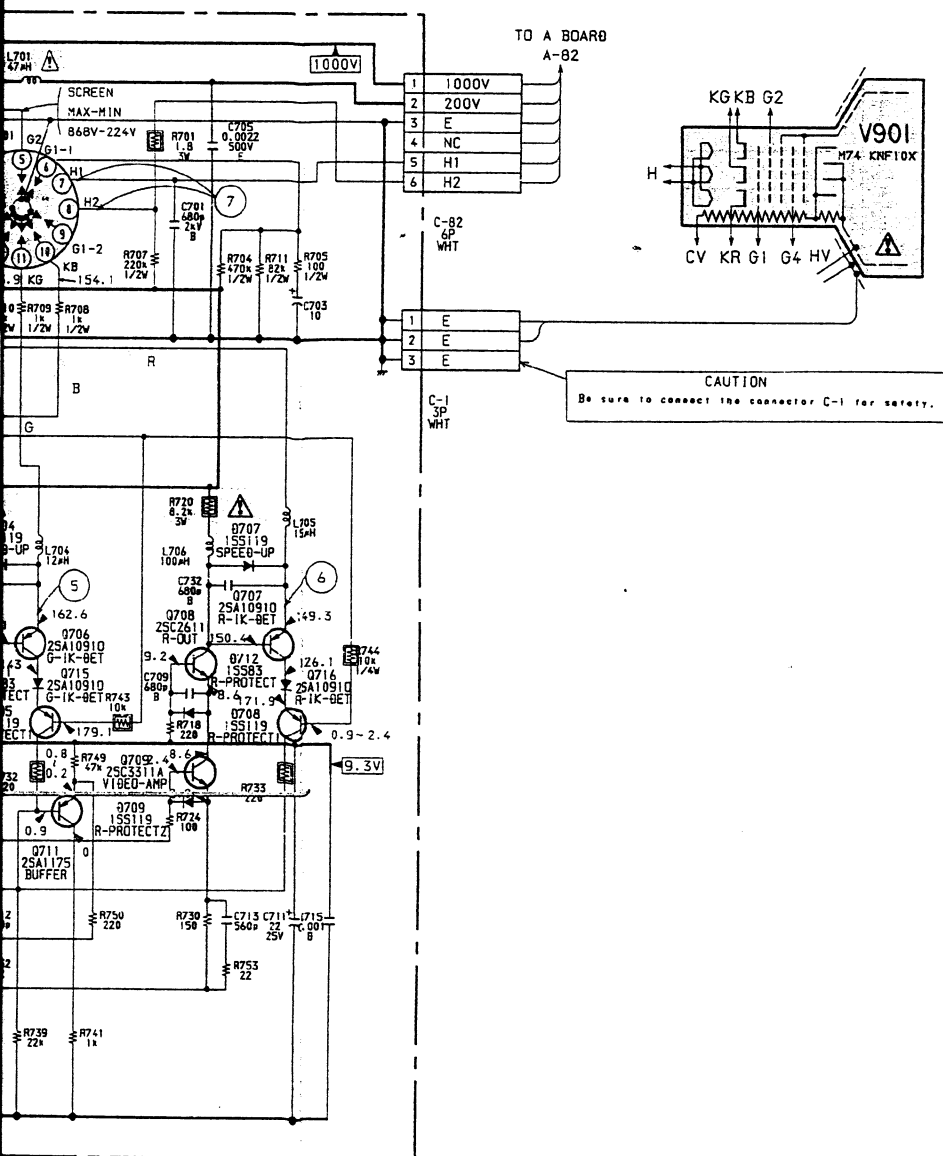
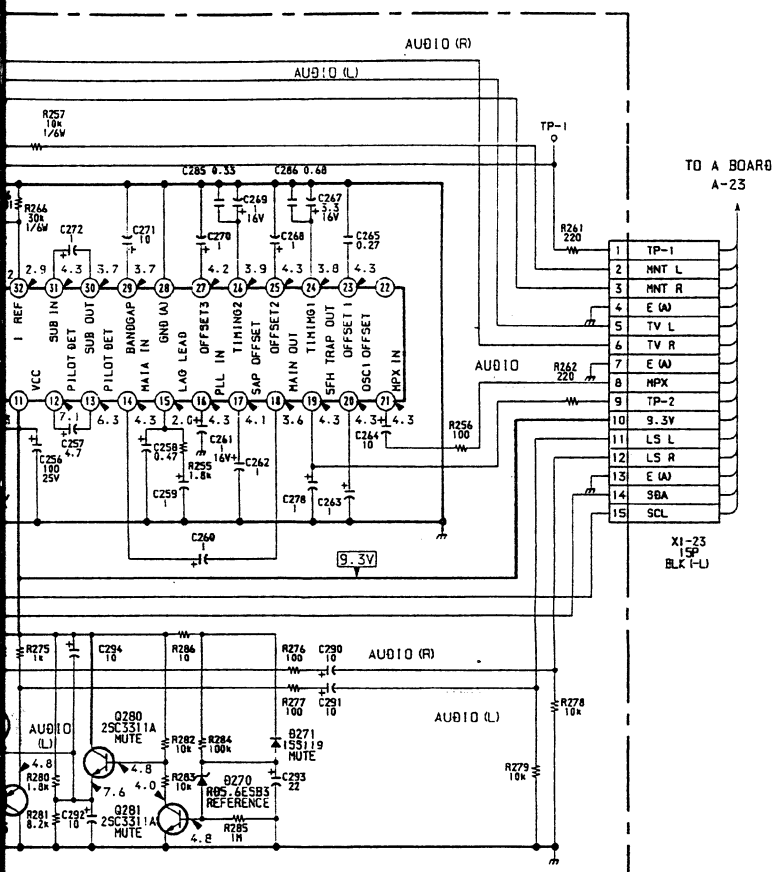
| | | |
|--------------------------------|------------------------------|-----------------------------|
| <p>①</p> <p>2.9Vp-p (H)</p> | <p>②</p> <p>2.3Vp-p (H)</p> | <p>③</p> <p>1.9Vp-p (H)</p> |
| <p>④</p> <p>6.0Vp-p (H)</p> | <p>⑤</p> <p>5.6Vp-p (H)</p> | <p>⑥</p> <p>5.8Vp-p (H)</p> |
| <p>⑦</p> <p>1.5Vp-p (V)</p> | <p>⑧</p> <p>1.8Vp-p (V)</p> | <p>⑨</p> <p>4.7Vp-p (H)</p> |
| <p>⑩</p> <p>6.3Vp-p (H)</p> | <p>⑪</p> <p>3.6Vp-p (H)</p> | <p>⑫</p> <p>205Vp-p (H)</p> |
| <p>⑬</p> <p>19.3Vp-p (H)</p> | <p>⑭</p> <p>1060Vp-p (H)</p> | <p>⑮</p> <p>0.8Vp-p (H)</p> |
| <p>⑯</p> <p>5.4Vp-p (H)</p> | <p>⑰</p> <p>0.5Vp-p (H)</p> | <p>⑱</p> <p>2.0Vp-p (V)</p> |
| <p>⑲</p> <p>30Vp-p (V)</p> | <p>⑳</p> <p>53Vp-p (V)</p> | <p>㉑</p> <p>28Vp-p (V)</p> |
| <p>㉒</p> <p>4.8Vp-p (4MHz)</p> | | |

The diagram shows a power supply system with the following components and connections:

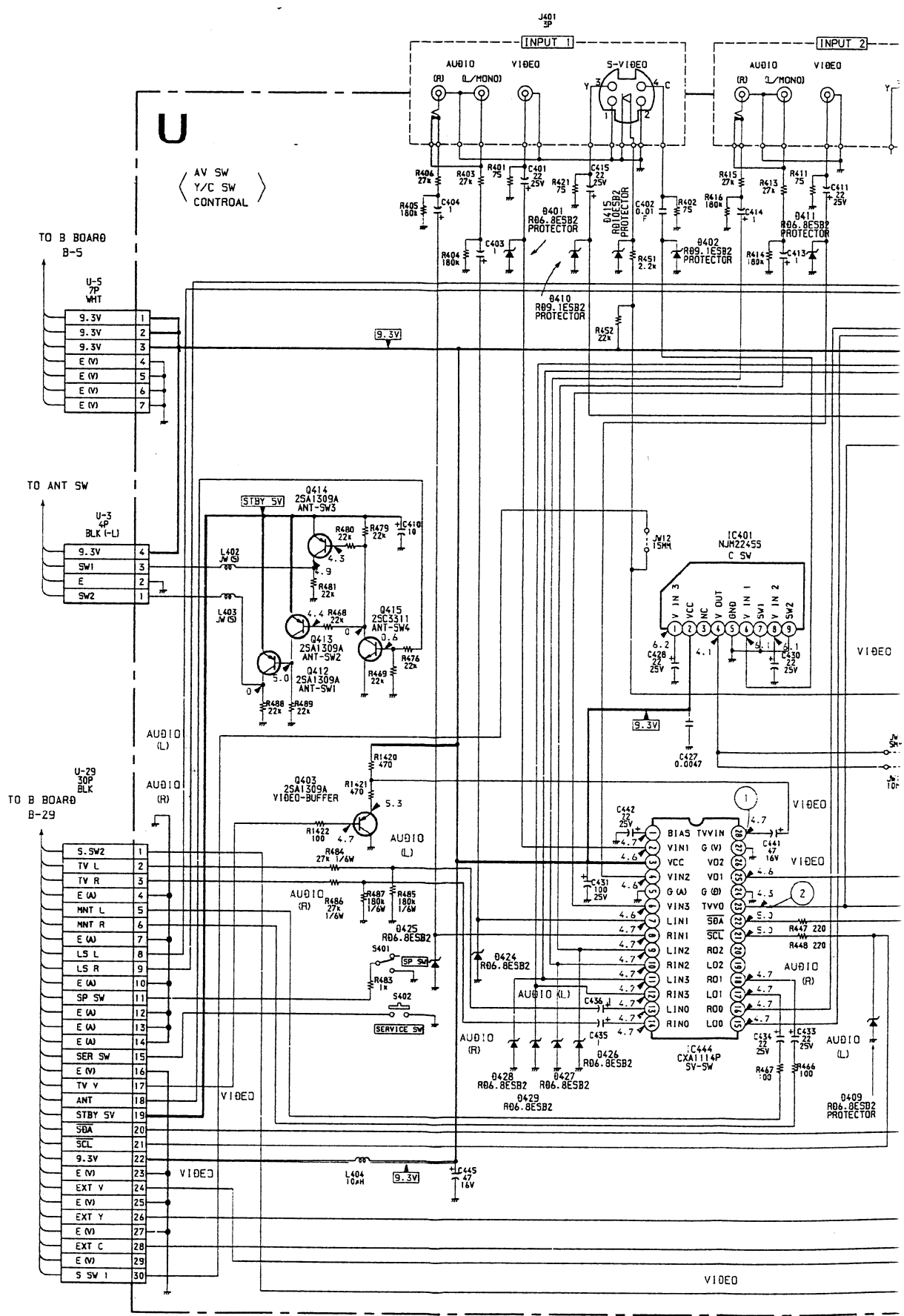
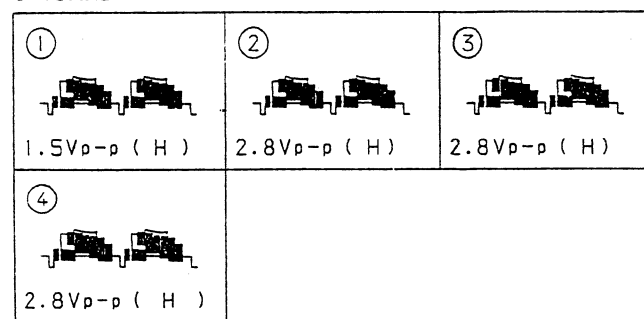
- THYRISTOR RECTIFIER**: The input stage, connected to terminals 1 and 2.
- FLYBACK GENERATOR**: Receives feedback from terminals 3, 4, and 5. Its output is connected to terminal 6.
- POWER AMPLIFIER**: Receives feedback from terminals 3, 4, and 5. Its output is connected to terminal 7.
- THERMAL PROTECTION**: Receives feedback from terminal 6 and provides a control signal to the **POWER AMPLIFIER**.

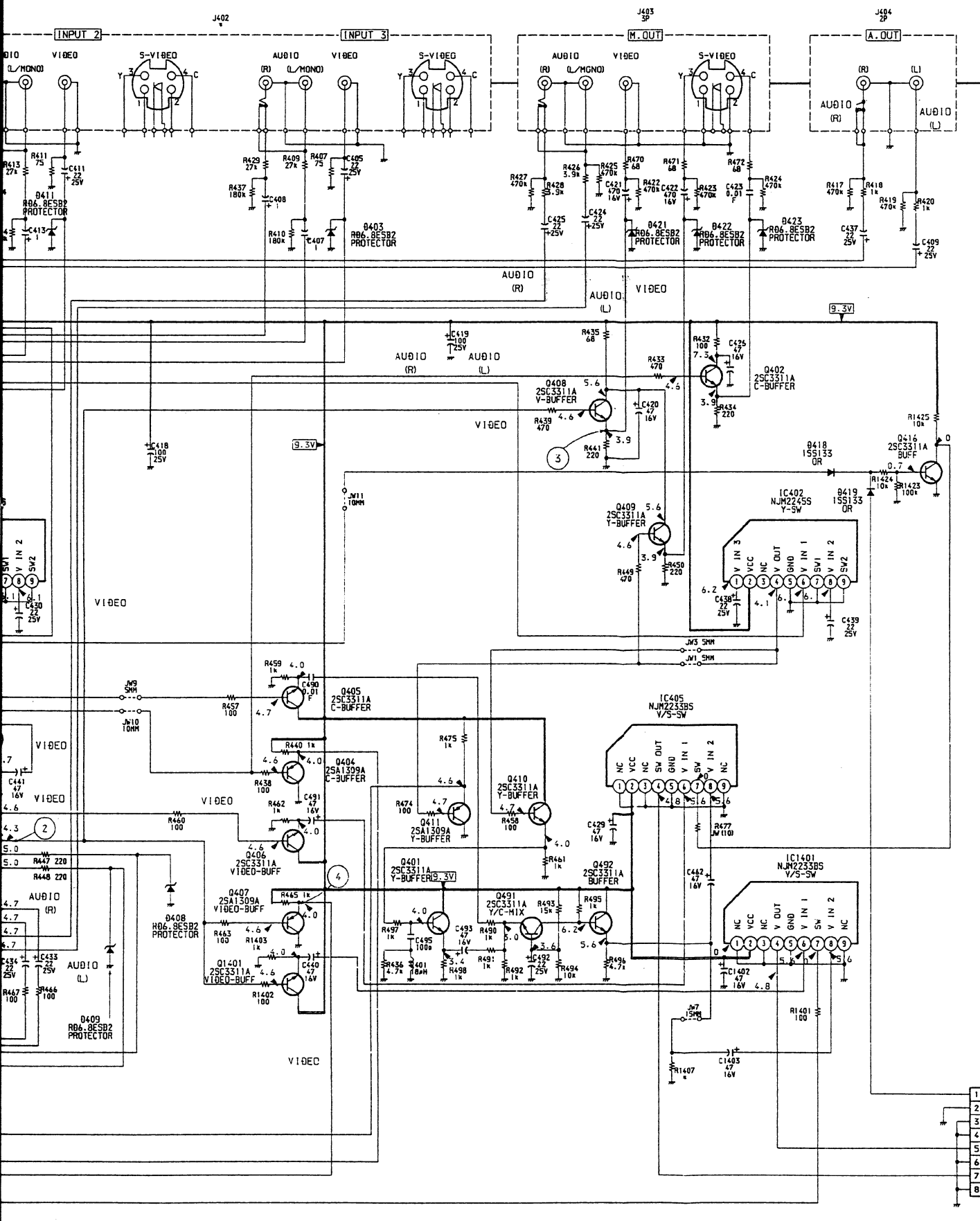
The feedback loops are defined by the connections to terminals 3, 4, and 5, which are common to both the Flyback Generator and the Power Amplifier.



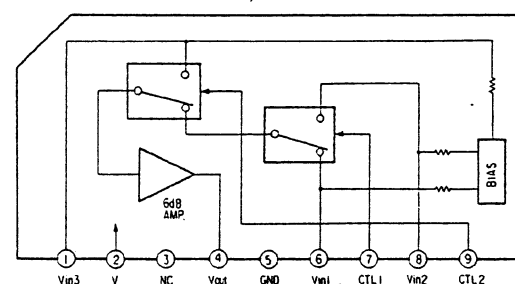


U BOARD

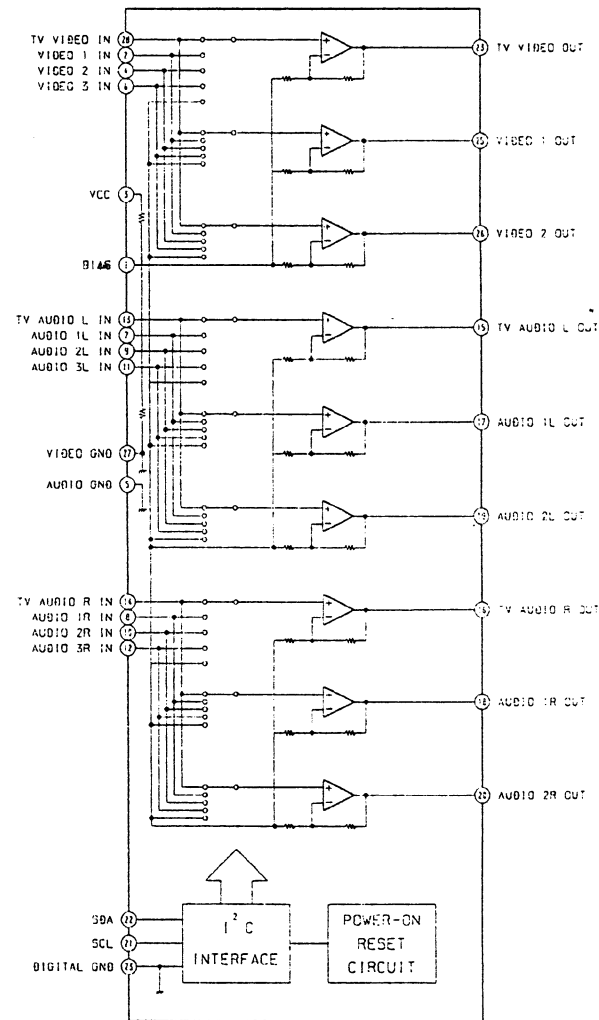




U BOARD IC401,402 NJM2245S



U BOARD IC444 CXA1114P



KV-29XBR85
RM-Y108

KV-29XBR85
RM-Y108

AV SW
Y/C SW
CONTROL

U

H7

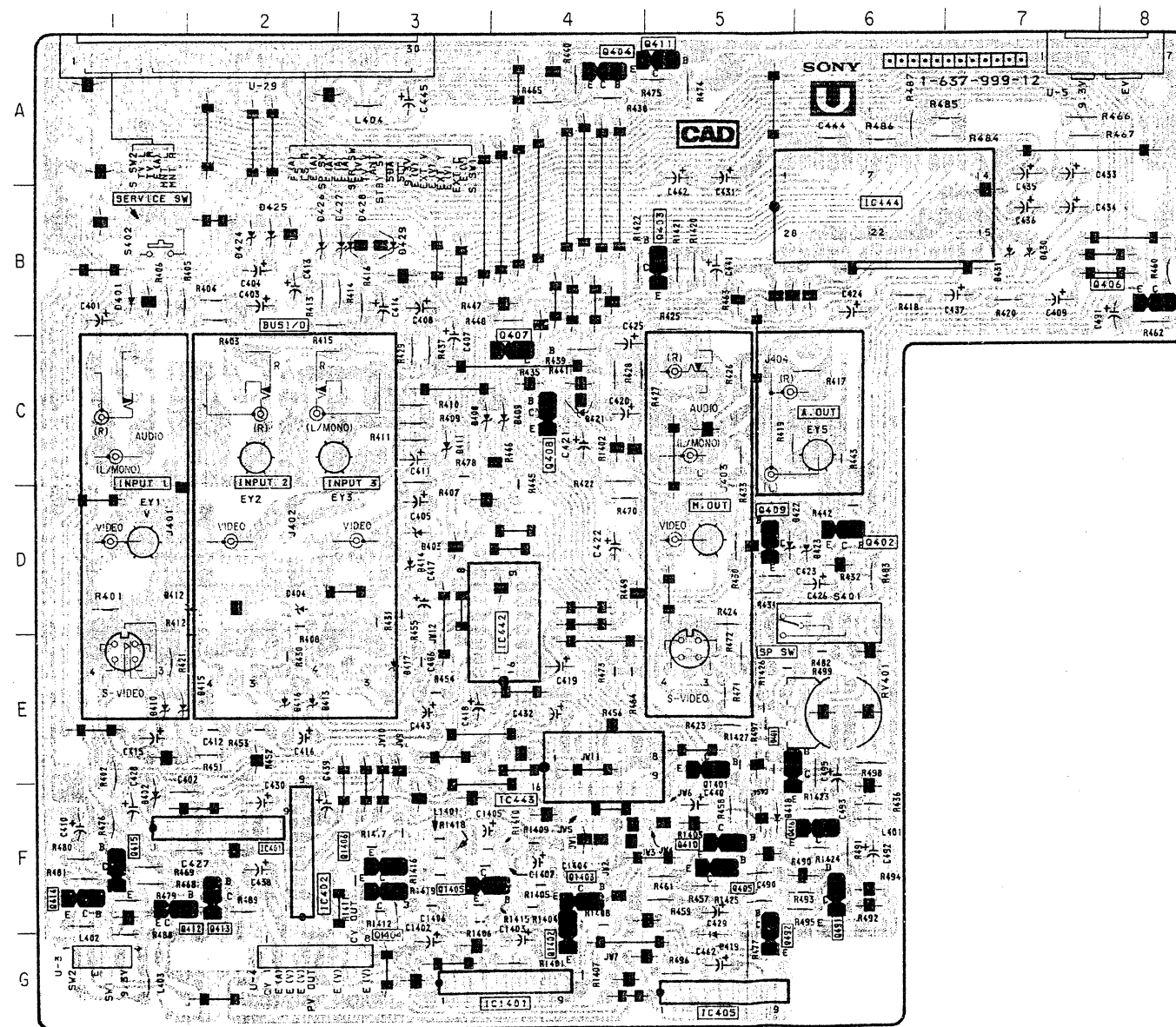
POWER CONTROL
LED DISPLAY
IR DETECTOR

X1

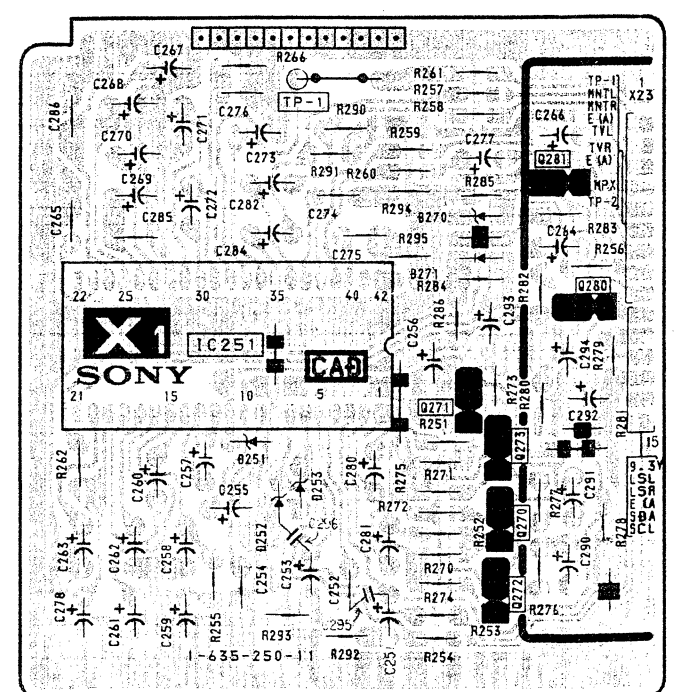
[MTS DECODE]

C [R.]

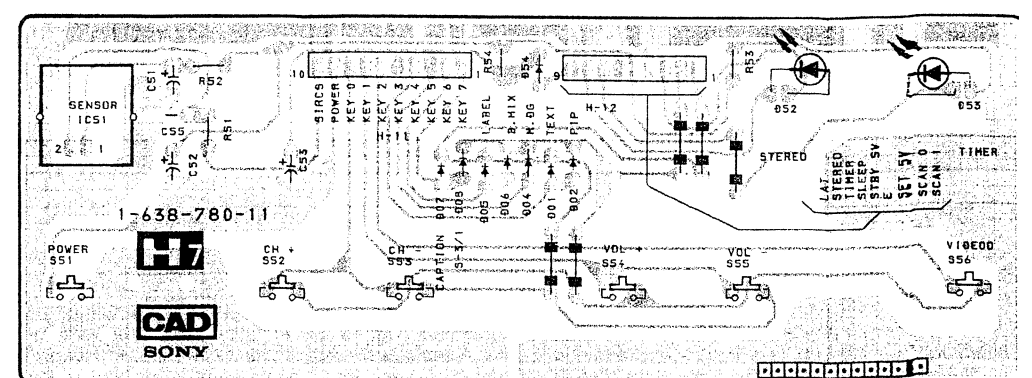
— U Board —



— X1 Board —



— H7 Board —



AV SW
Y/C SW
CONTROL

U

H7

POWER CONTROL
LED DISPLAY
IR DETECTOR

X1

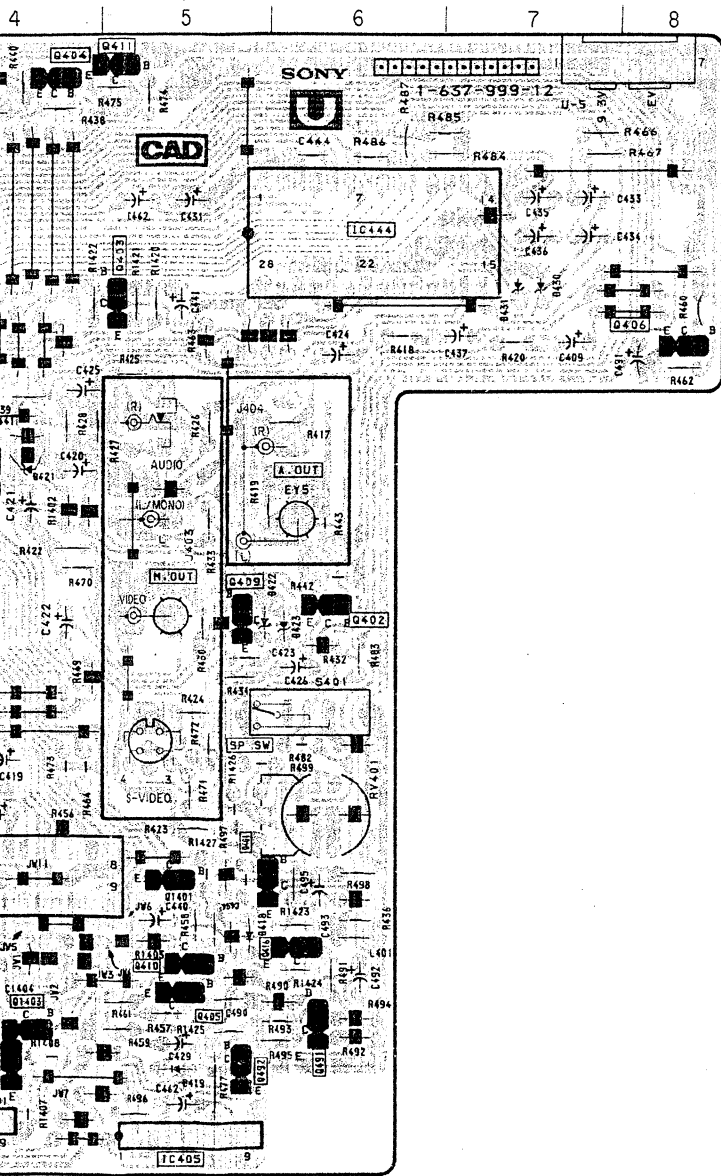
[MTS DECODE]

C

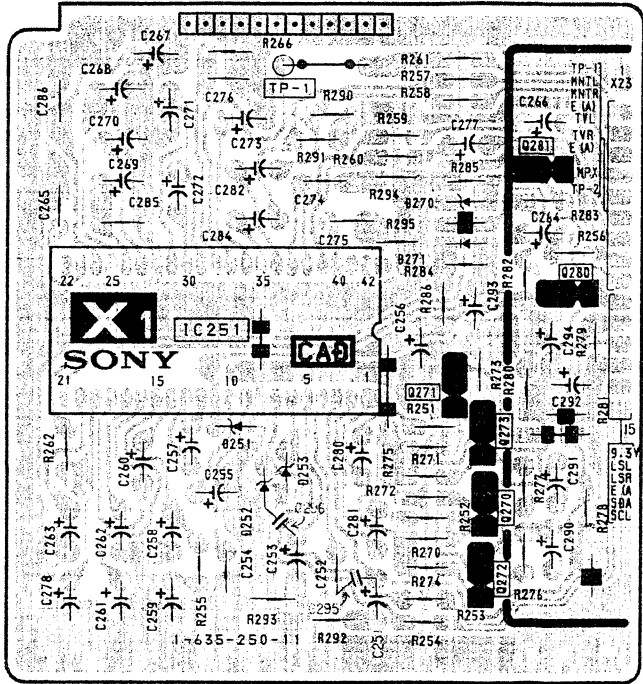
[R. G. B. OUT]

F1

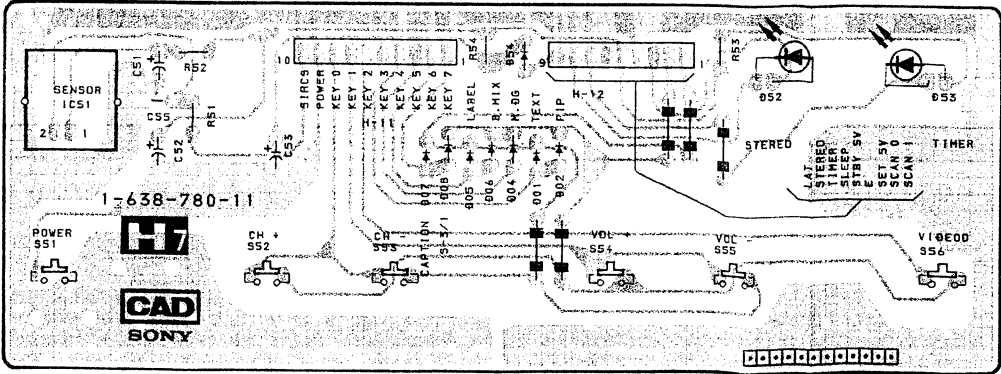
STBY 5V REG.
AC WAVE SHAP.



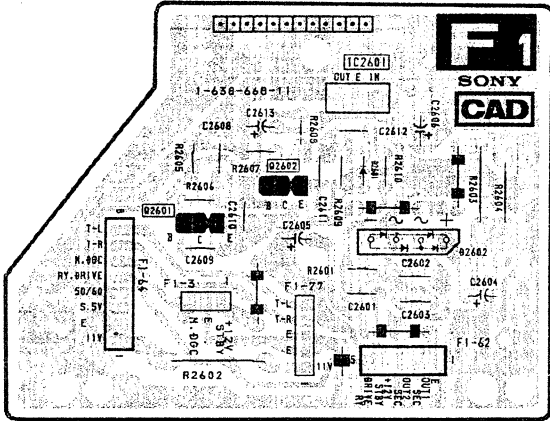
- X1 Board -



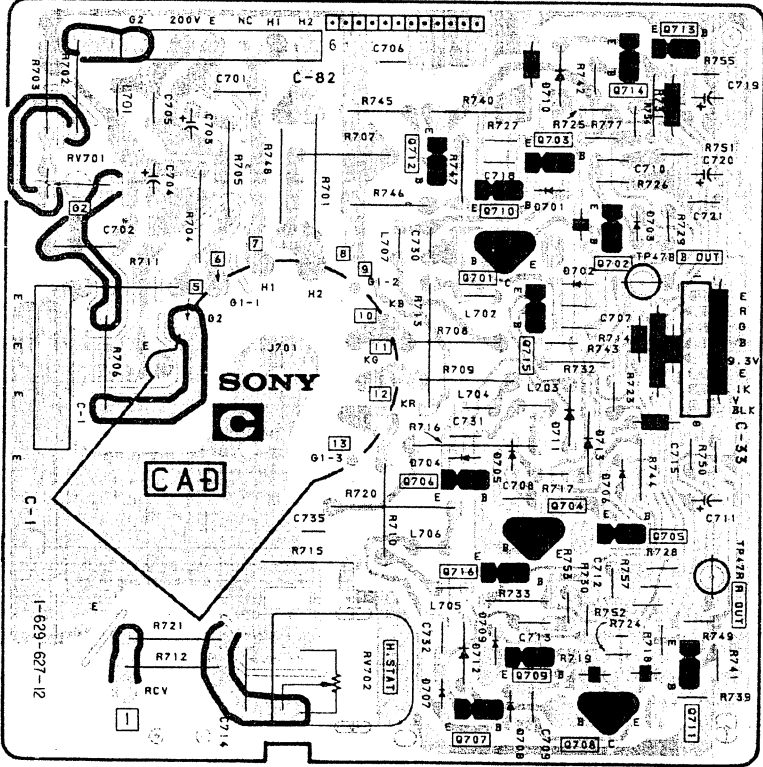
- H7 Board -

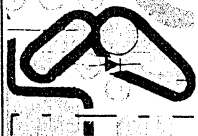


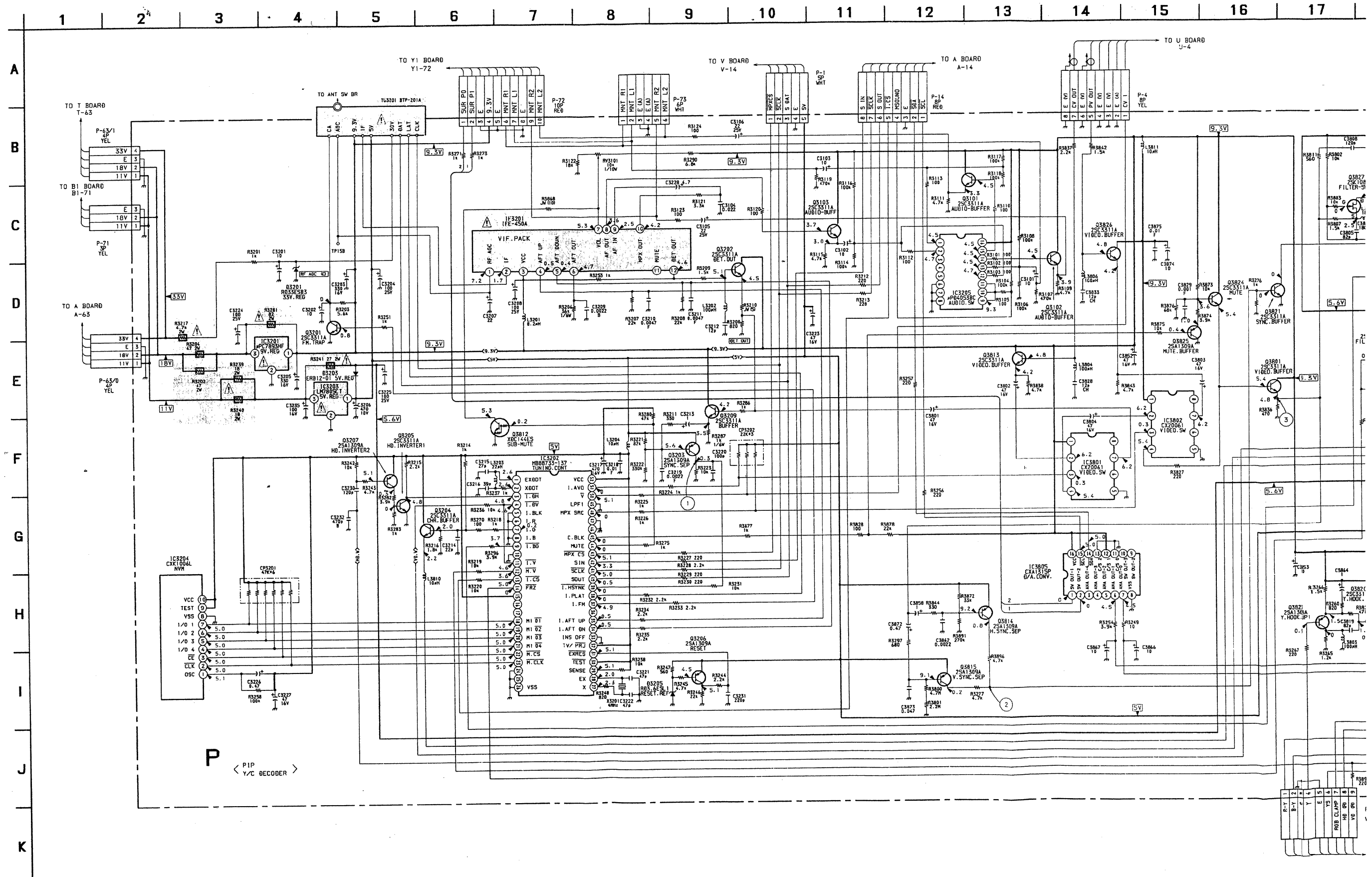
- F1 Board -



- C Board -



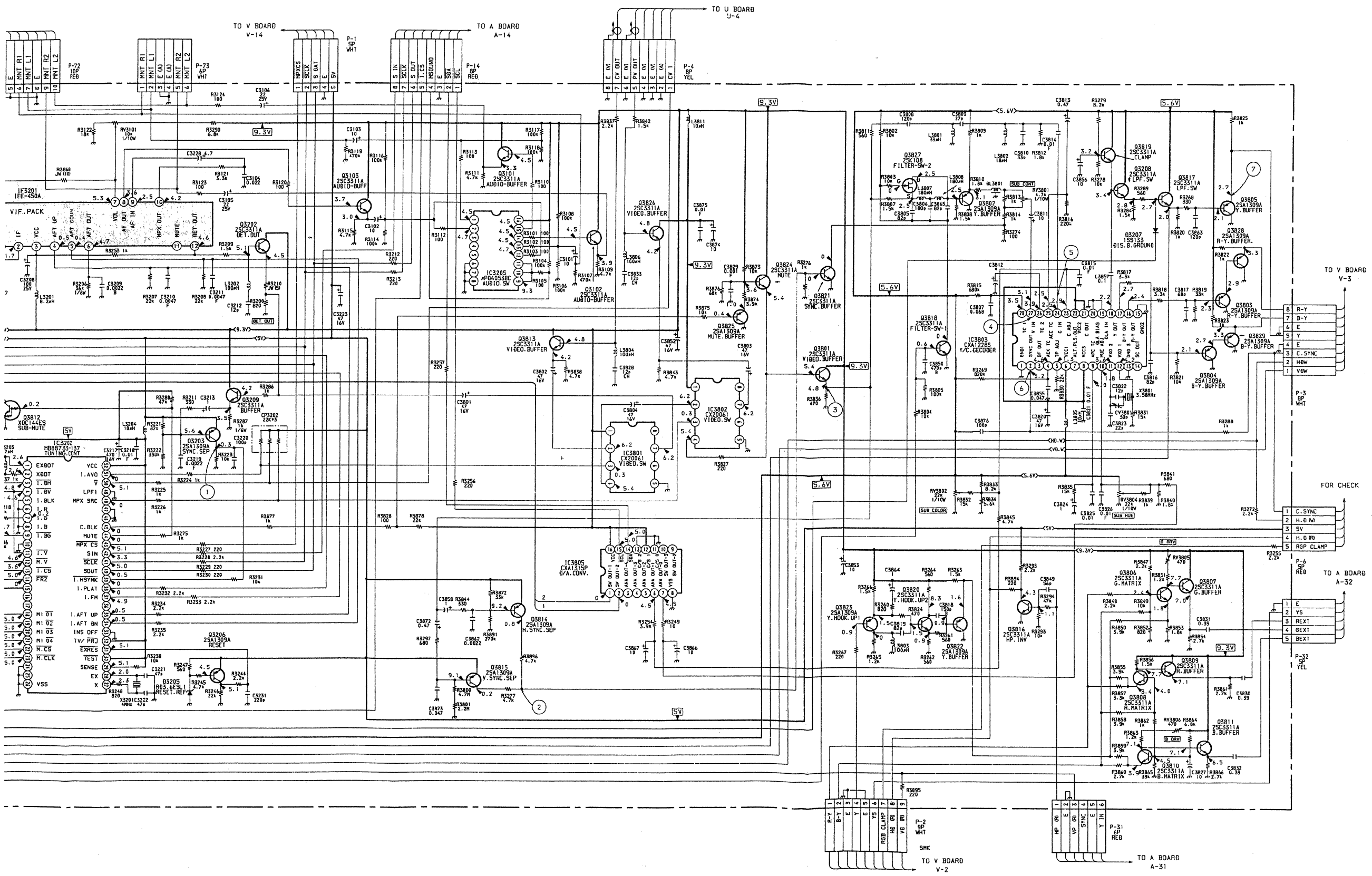
 **NOTE:**
The circuit indicated as left contains high voltage of over 600 Vp-p. Care must be paid to prevent an electric shock in inspection or repairing.



KV-29XBR85
RM-Y108

KV-29XBR85
RM-Y108

7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23



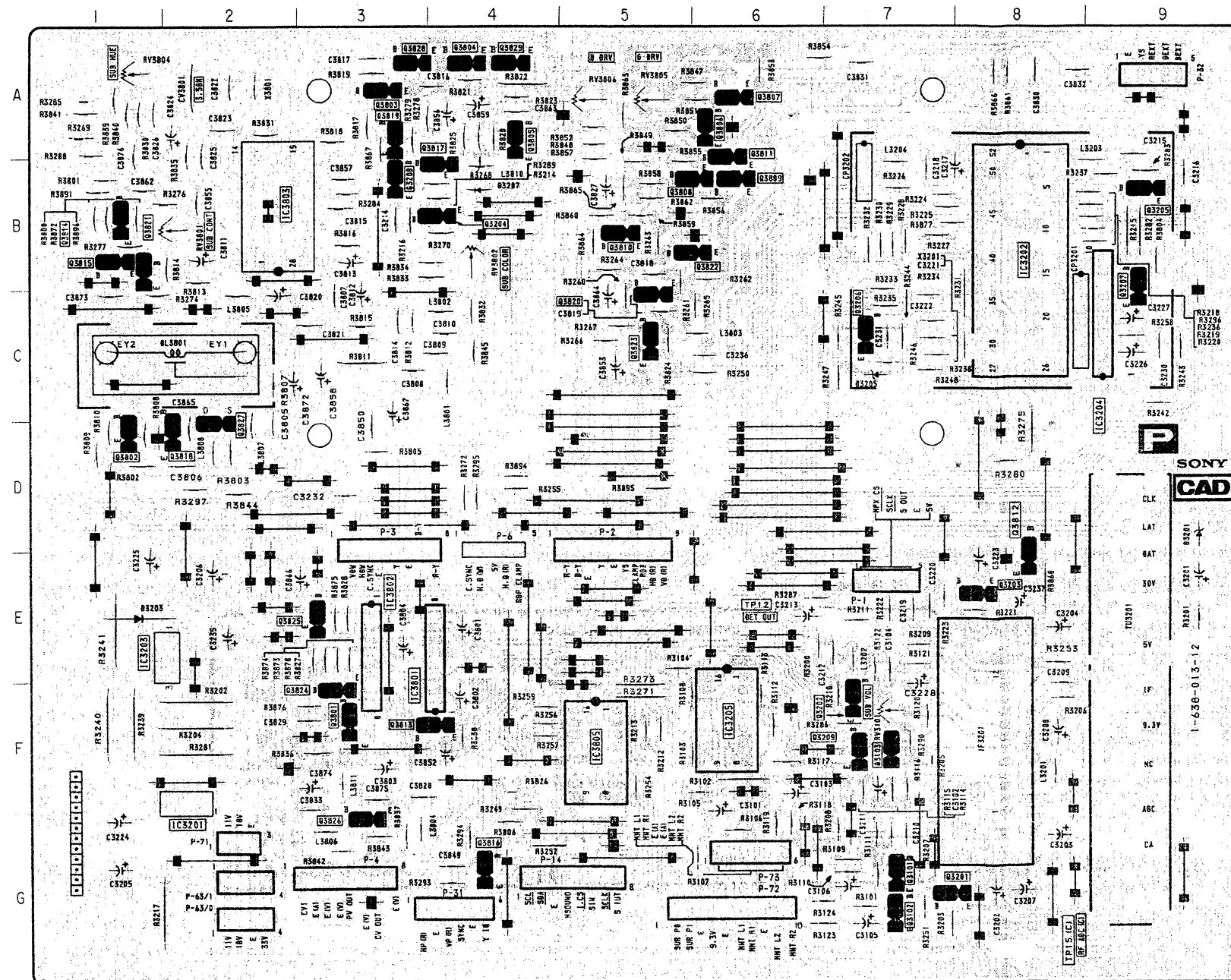
KV-29XBR85
RM-Y108

KV-29XBR85
RM-Y108

PIP
Y/C DECODER

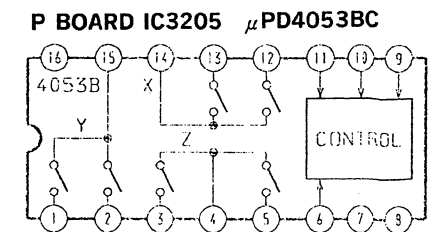
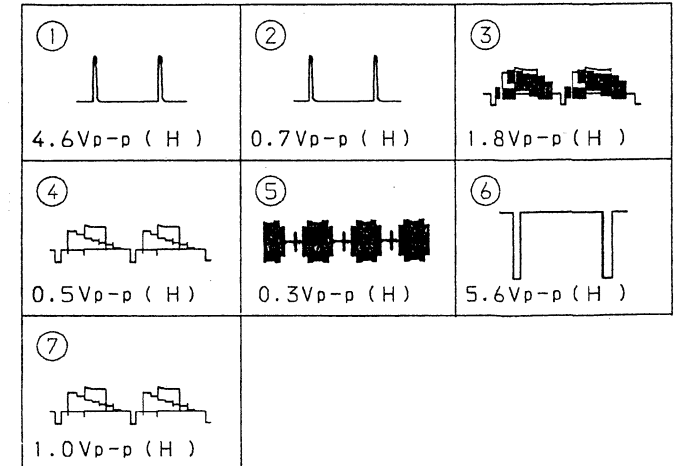
P

- P Board -

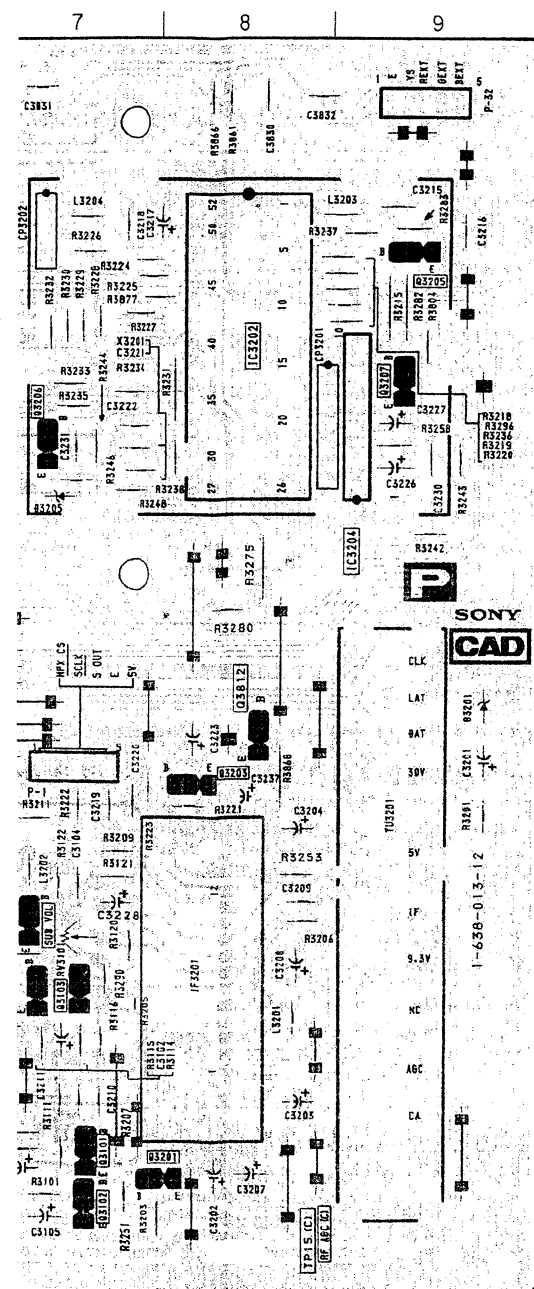


| IC | | Q3812 | E-8 |
|------------|-----|-------------------|-----|
| | | Q3813 | F-4 |
| IC3201 | G-2 | Q3814 | B-1 |
| IC3202 | B-8 | Q3815 | B-1 |
| IC3203 | E-2 | Q3816 | G-4 |
| IC3204 | C-9 | Q3817 | B-4 |
| IC3205 | F-6 | Q3818 | D-2 |
| IC3801 | E-4 | Q3819 | A-3 |
| IC3802 | E-3 | Q3820 | C-5 |
| IC3803 | B-2 | Q3821 | B-1 |
| IC3805 | F-5 | Q3822 | B-6 |
| TRANSISTOR | | Q3823 | C-5 |
| | | Q3824 | F-3 |
| | | Q3825 | E-3 |
| | | Q3826 | G-3 |
| Q3101 | G-7 | Q3827 | D-2 |
| Q3102 | G-7 | Q3828 | A-3 |
| Q3103 | F-7 | Q3829 | A-4 |
| Q3201 | G-8 | DIODE | |
| Q3202 | F-7 | | |
| Q3203 | E-8 | | |
| Q3204 | B-4 | | |
| Q3205 | B-9 | D3201 | D-9 |
| Q3206 | C-7 | D3203 | E-1 |
| Q3207 | B-9 | D3205 | C-7 |
| Q3208 | B-3 | D3207 | B-4 |
| Q3209 | F-7 | VARIABLE RESISTOR | |
| Q3801 | F-3 | | |
| Q3802 | D-1 | | |
| Q3803 | A-3 | | |
| Q3804 | A-4 | RV3101 | F-7 |
| Q3805 | A-4 | RV3801 | B-2 |
| Q3806 | A-6 | RV3802 | B-4 |
| Q3807 | A-6 | RV3804 | A-1 |
| Q3808 | B-5 | RV3805 | A-5 |
| Q3809 | B-6 | RV3806 | A-5 |
| Q3810 | B-5 | | |
| Q3811 | A-6 | | |

P BOARD

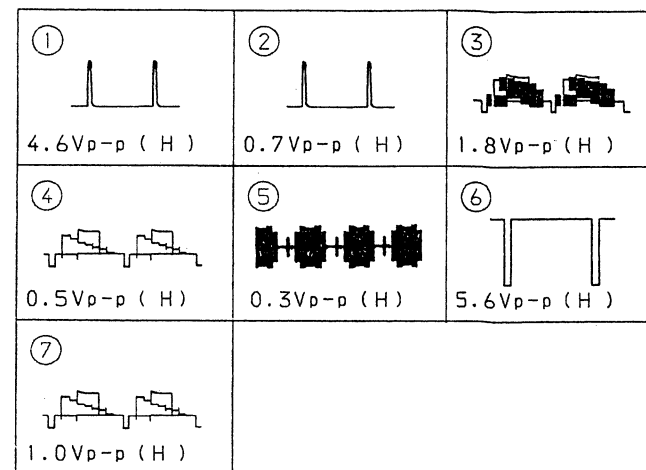


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C DECODER

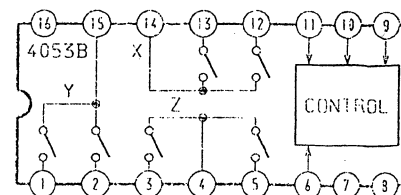


| IC | | |
|-------------------|-----|-----------|
| IC3201 | G-2 | Q3812 E-8 |
| IC3202 | B-8 | Q3813 F-4 |
| IC3203 | F-2 | Q3814 B-1 |
| IC3204 | C-9 | Q3815 B-1 |
| IC3205 | F-6 | Q3816 G-4 |
| IC3801 | F-4 | Q3817 B-4 |
| IC3802 | E-3 | Q3818 D-2 |
| IC3803 | B-2 | Q3819 A-3 |
| IC3805 | F-5 | Q3820 C-5 |
| | | Q3821 B-1 |
| | | Q3822 B-6 |
| | | Q3823 C-5 |
| | | Q3824 F-3 |
| | | Q3825 E-3 |
| | | Q3826 G-3 |
| | | Q3827 D-2 |
| | | Q3828 A-3 |
| | | Q3829 A-4 |
| TRANSISTOR | | |
| Q3101 | G-7 | |
| Q3102 | G-7 | |
| Q3103 | F-7 | |
| Q3201 | G-8 | |
| Q3202 | F-7 | |
| Q3203 | E-8 | |
| Q3204 | B-4 | |
| Q3205 | B-9 | |
| Q3206 | C-7 | |
| Q3207 | B-9 | |
| Q3208 | B-3 | |
| Q3209 | F-7 | |
| Q3801 | F-3 | |
| Q3802 | D-1 | |
| Q3803 | A-3 | |
| Q3804 | A-4 | |
| Q3805 | A-4 | |
| Q3806 | A-6 | |
| Q3807 | A-6 | |
| Q3808 | B-5 | |
| Q3809 | B-6 | |
| Q3810 | B-5 | |
| Q3811 | A-6 | |
| DIODE | | |
| D3201 | D-9 | |
| D3203 | E-1 | |
| D3205 | C-7 | |
| D3207 | B-4 | |
| VARIABLE RESISTOR | | |
| RV3101 | F-7 | |
| RV3801 | B-2 | |
| RV3802 | B-4 | |
| RV3804 | A-1 | |
| RV3805 | A-5 | |
| RV3806 | A-5 | |

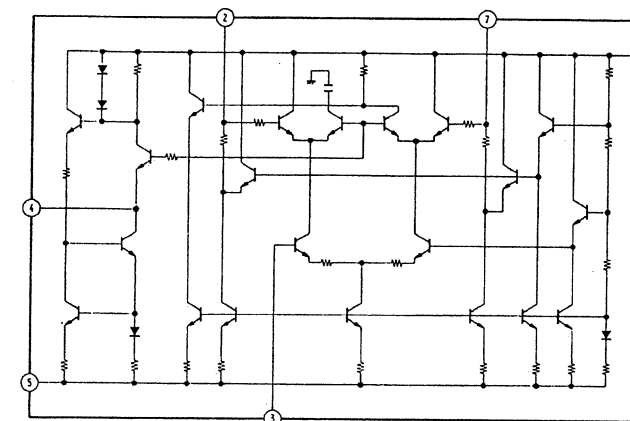
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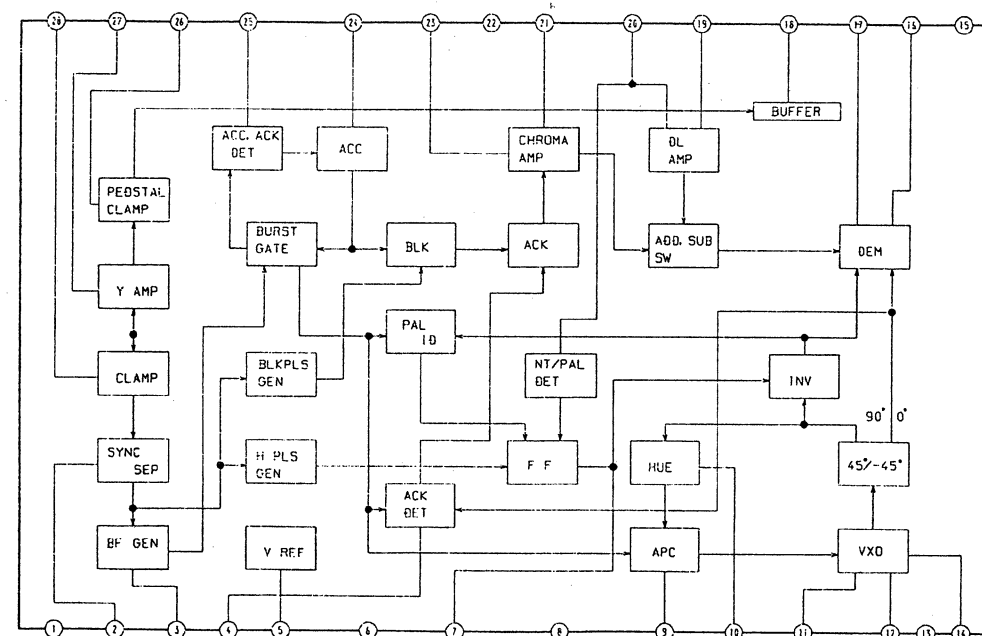
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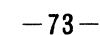
P BOARD IC3801,3802 CX20061



P BOARD IC3803 CXA1228S

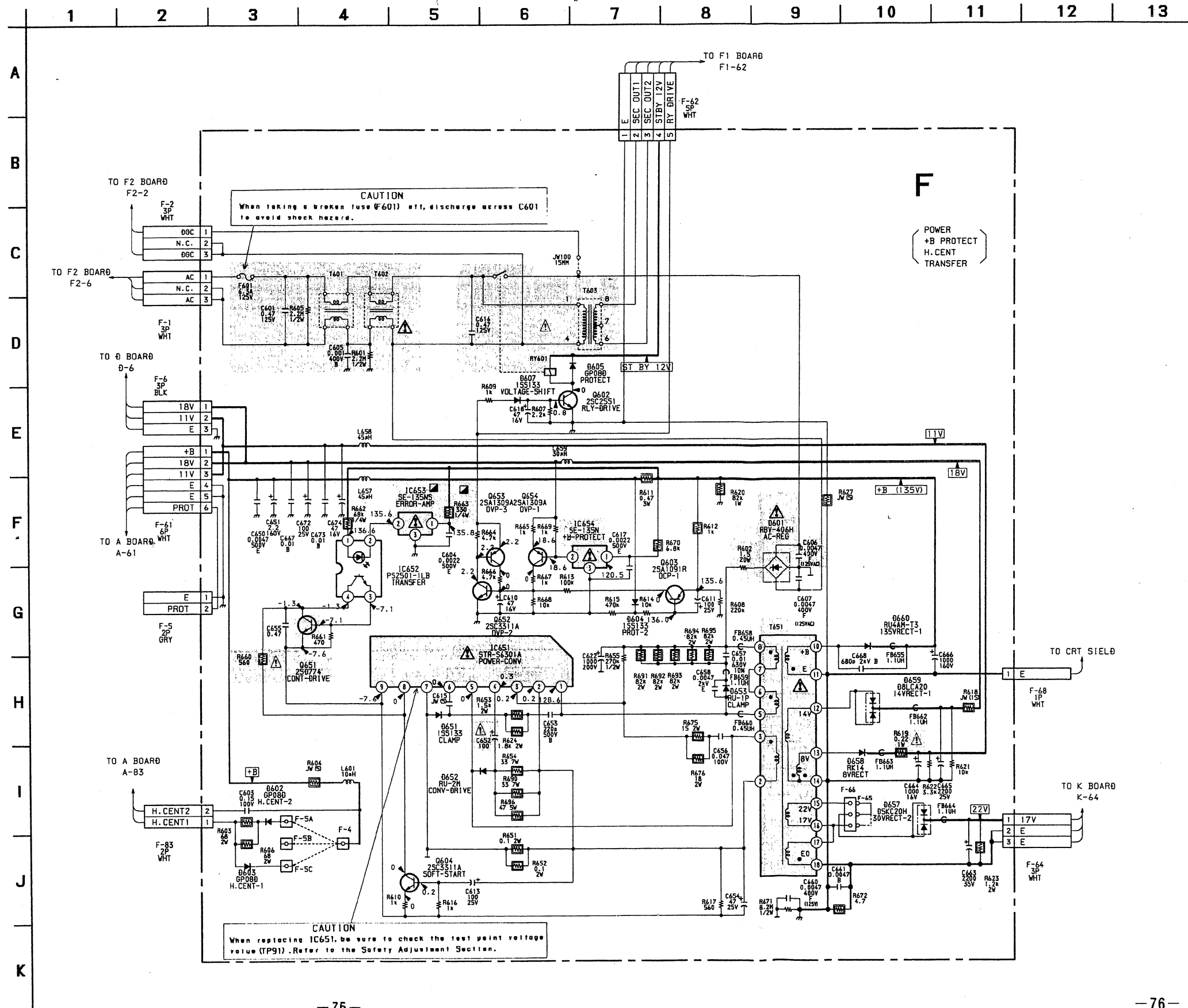


[INTER CONNECT]

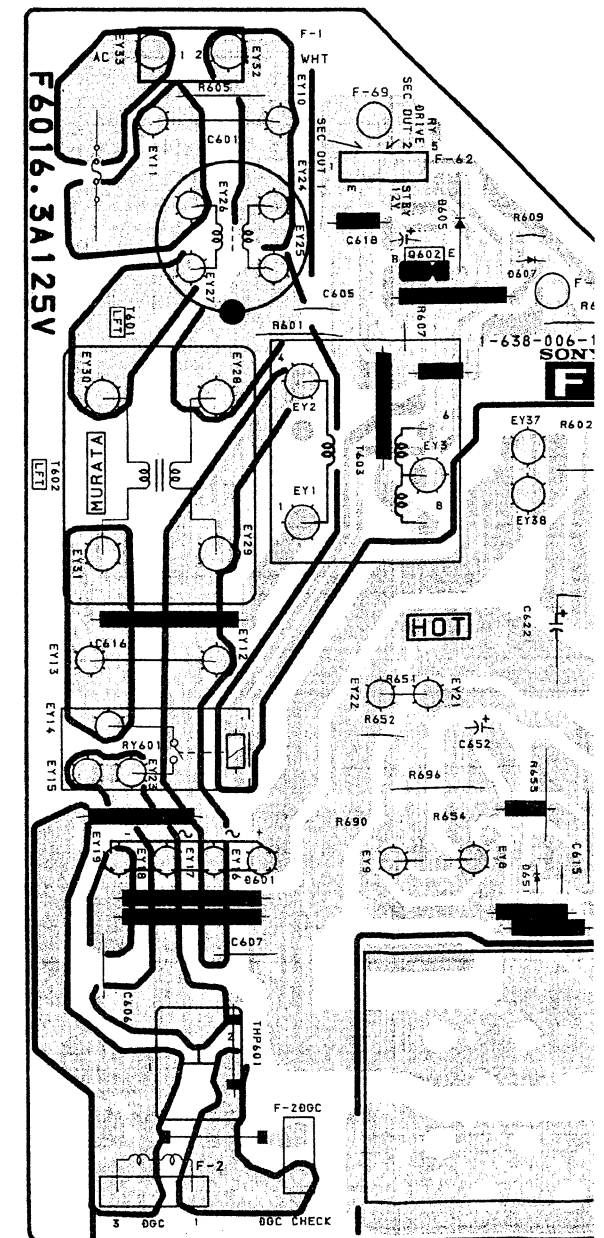


KV-29XBR85 **KV-29XBR85**
RM-Y108 RM-Y108

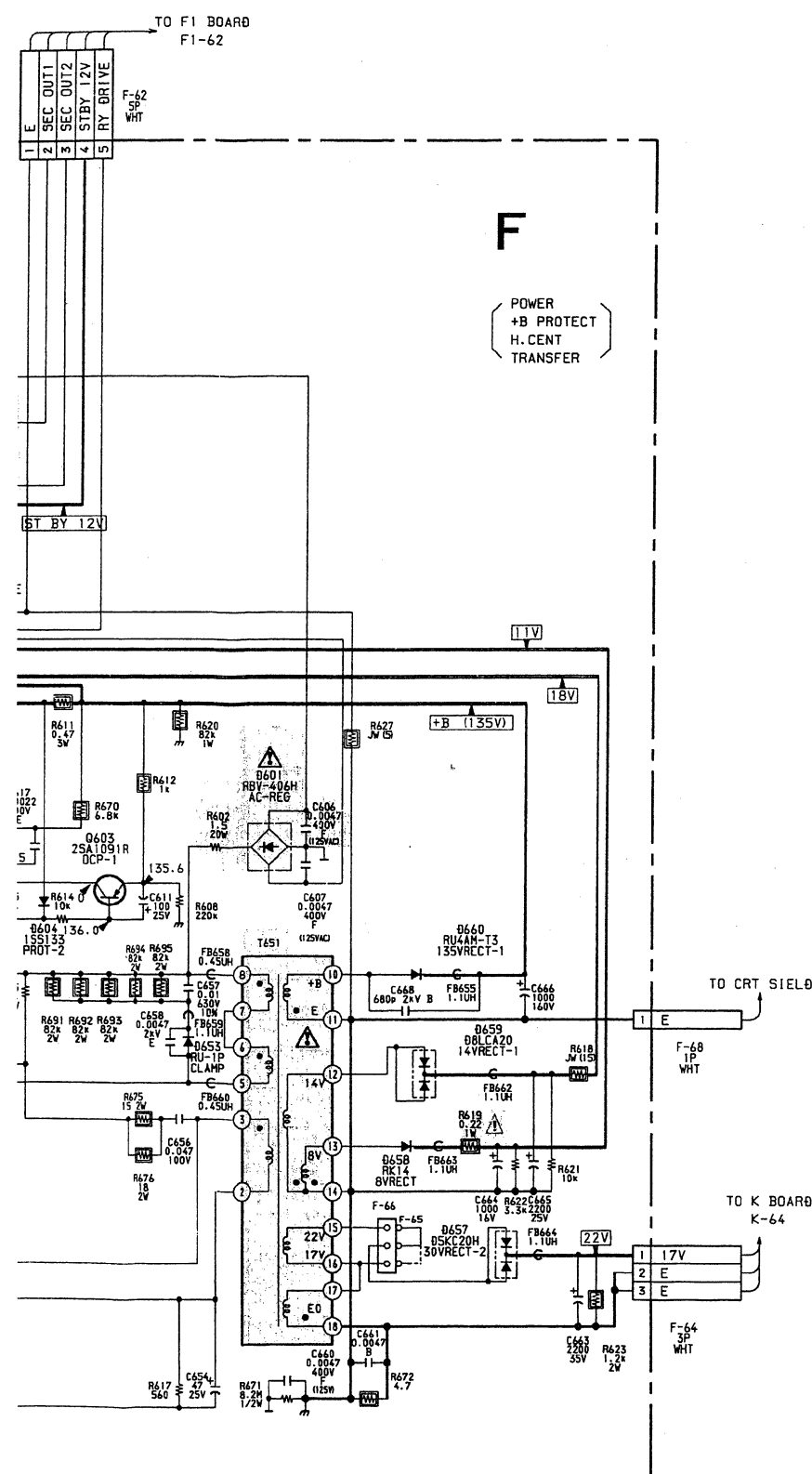
F POW:
+B F
H. C
TRAN



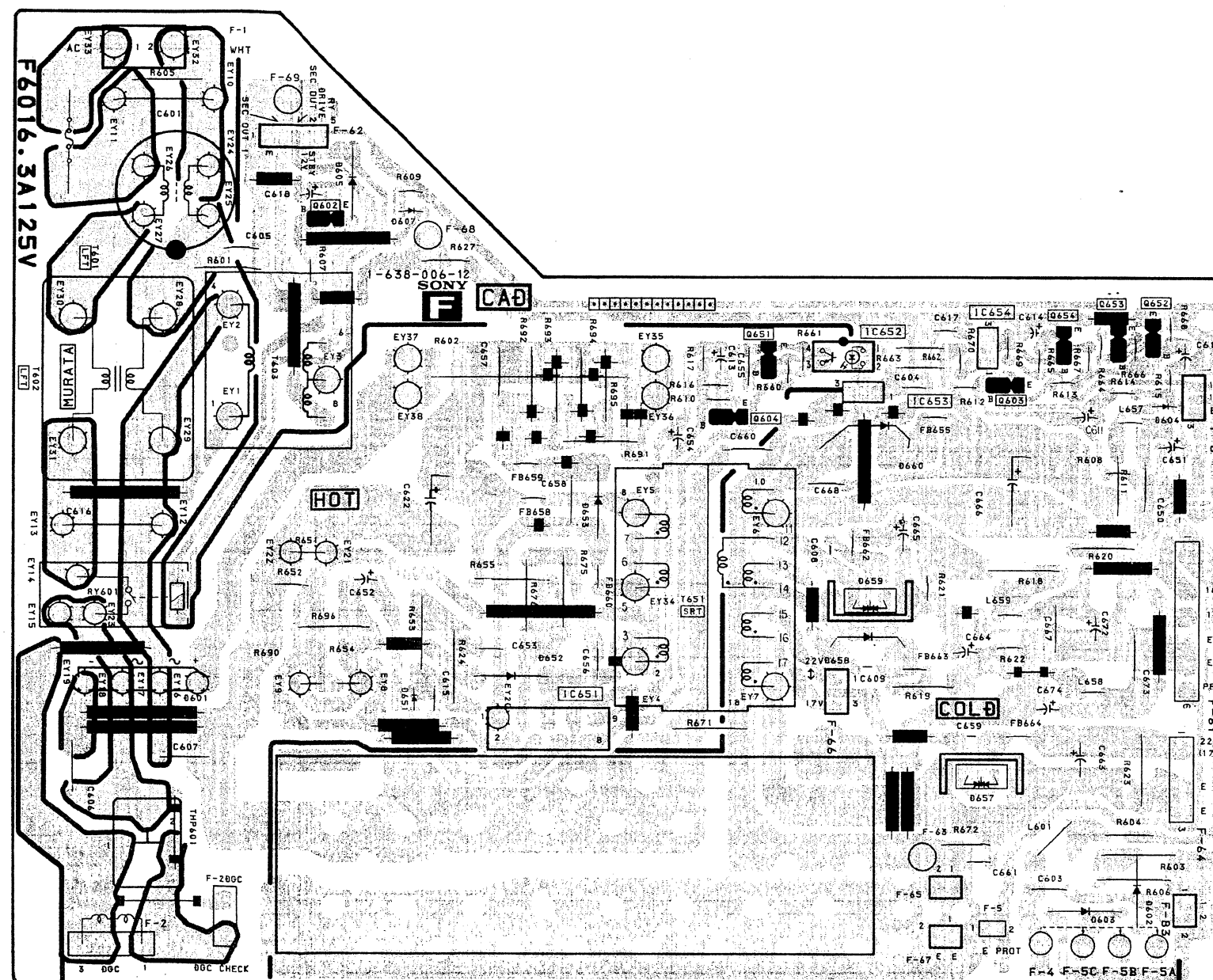
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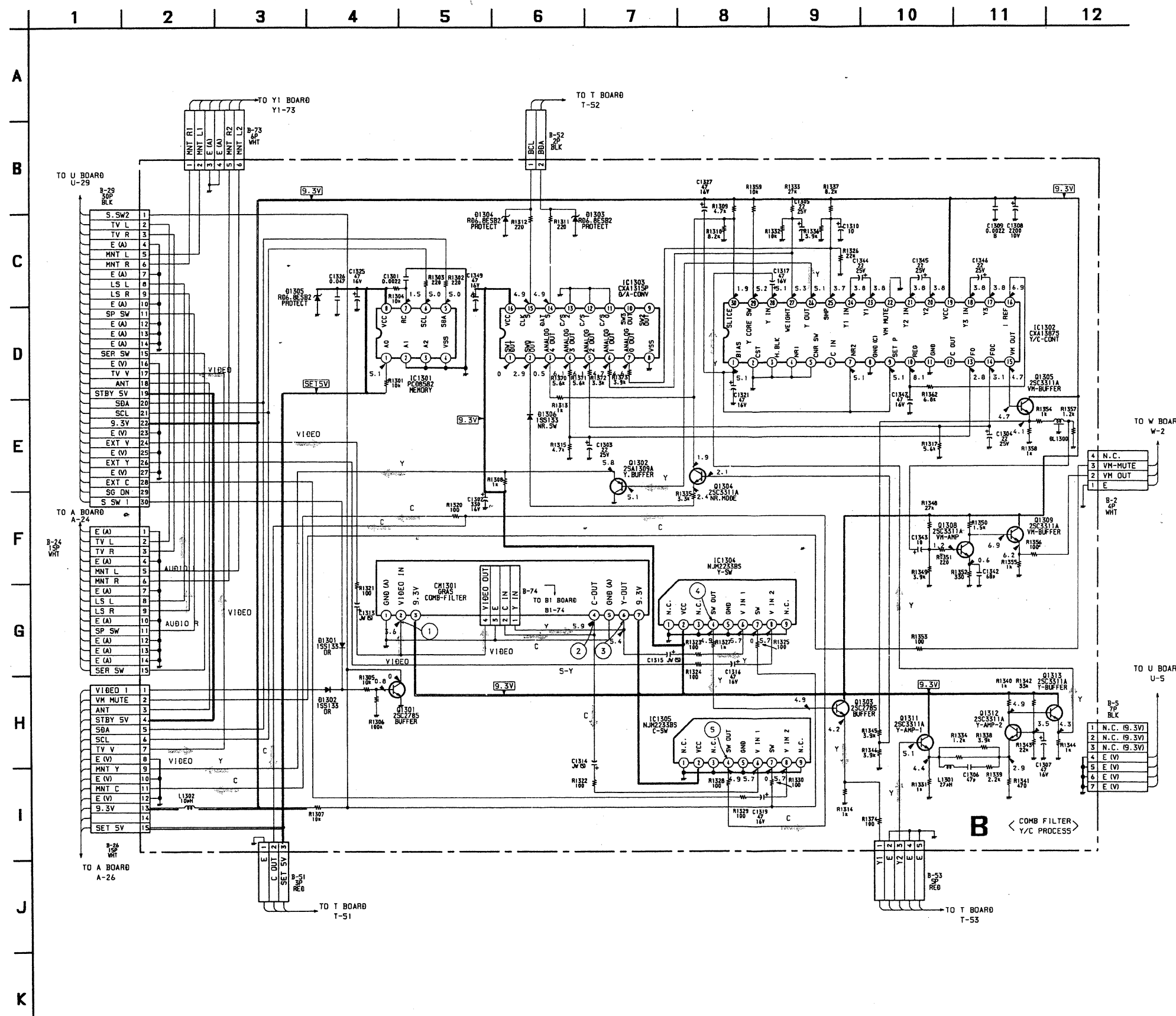
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| 8 | 9 | 10 | 11 | 12 | 13 |
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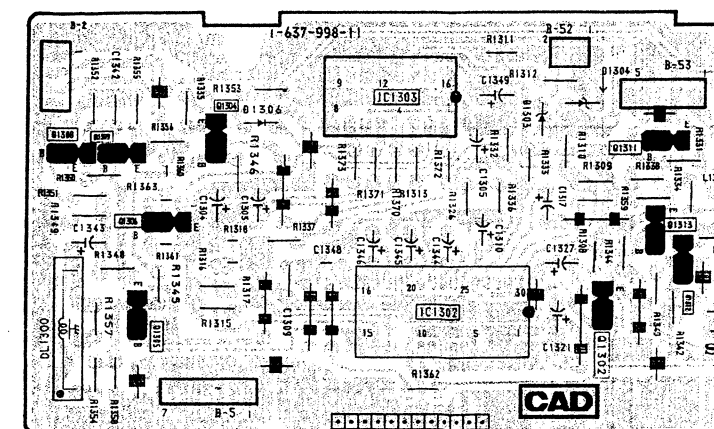
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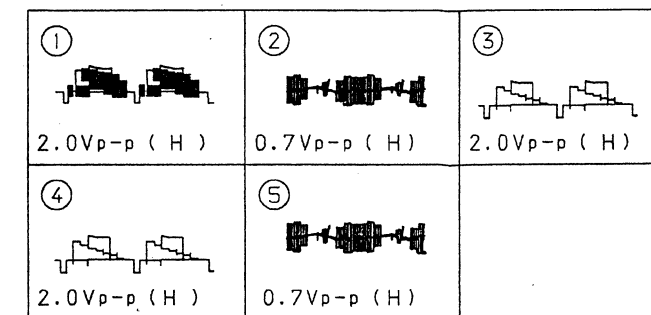
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Y/C PROCESS



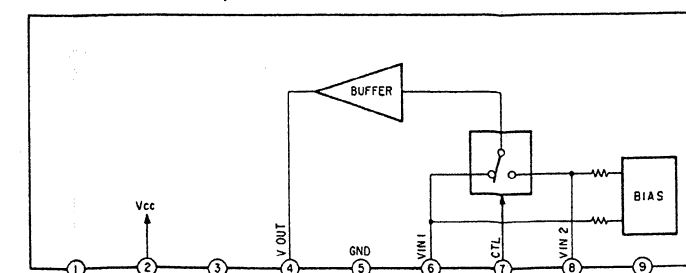
- B Board -



B BOARD



B BOARD IC1304,1305 NJM2233BS

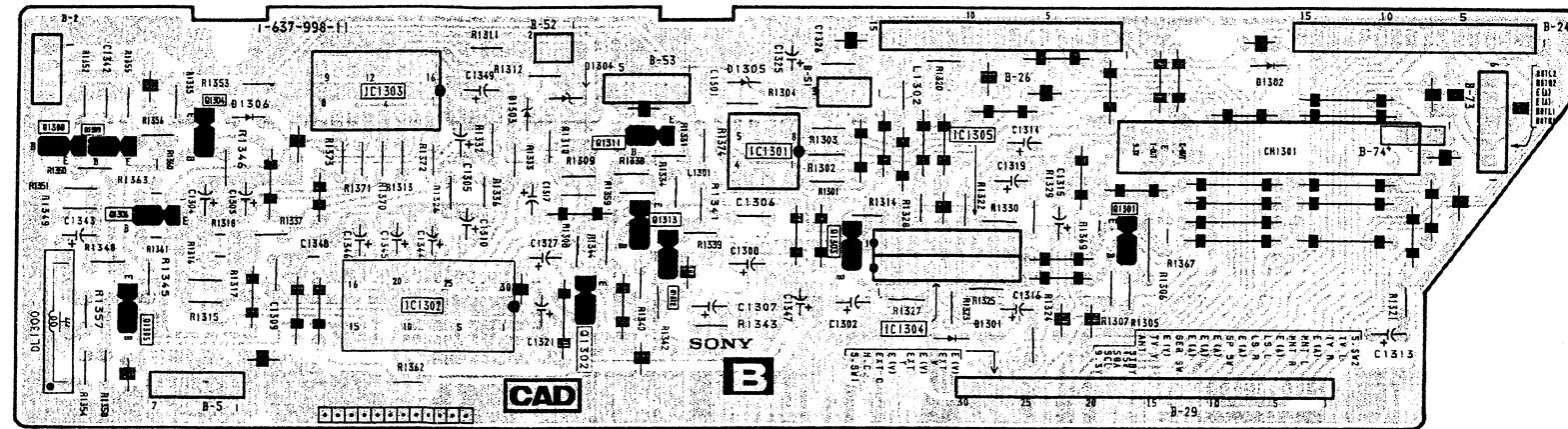


KV-29XBR85
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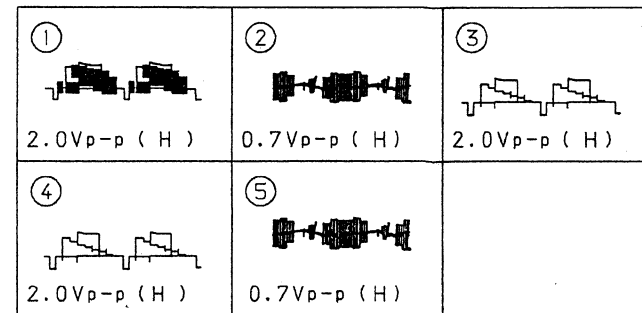
KV-29XBR85
RM-Y108

B COMB FILTER
Y/C PROCESS

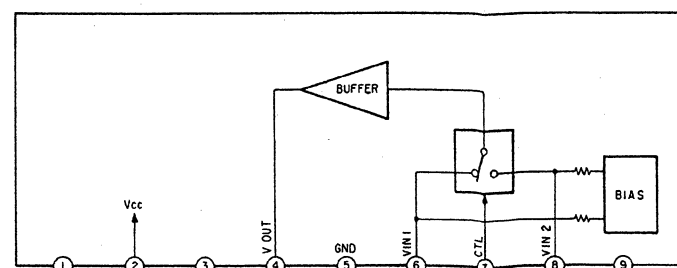
- B Board -



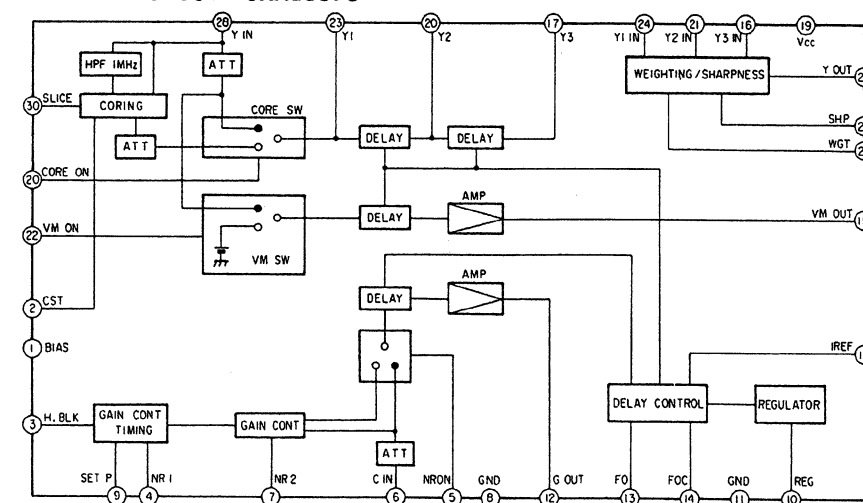
B BOARD



B BOARD IC1304,1305 NJM2233BS



B BOARD IC1302 CXA1387S

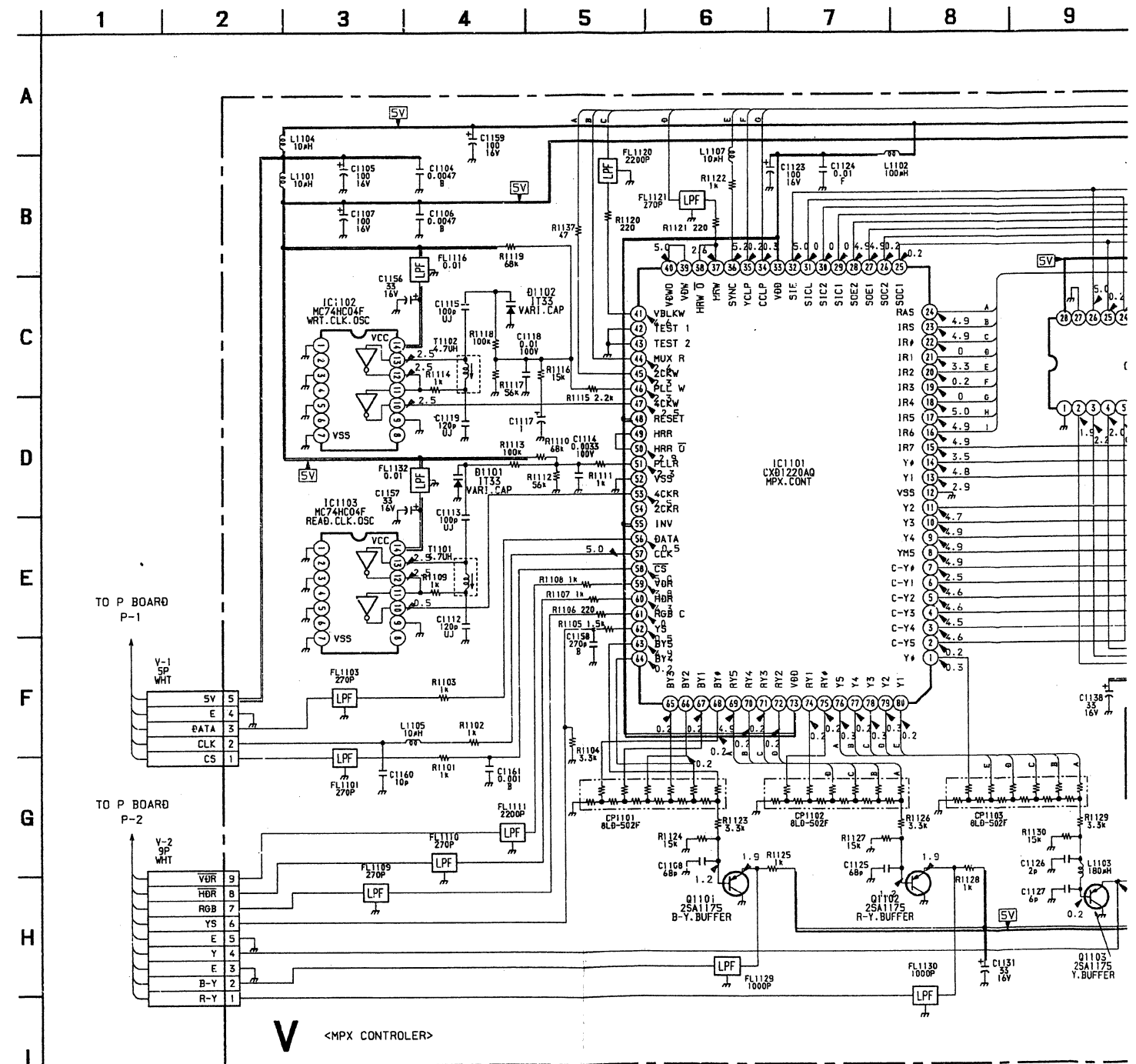
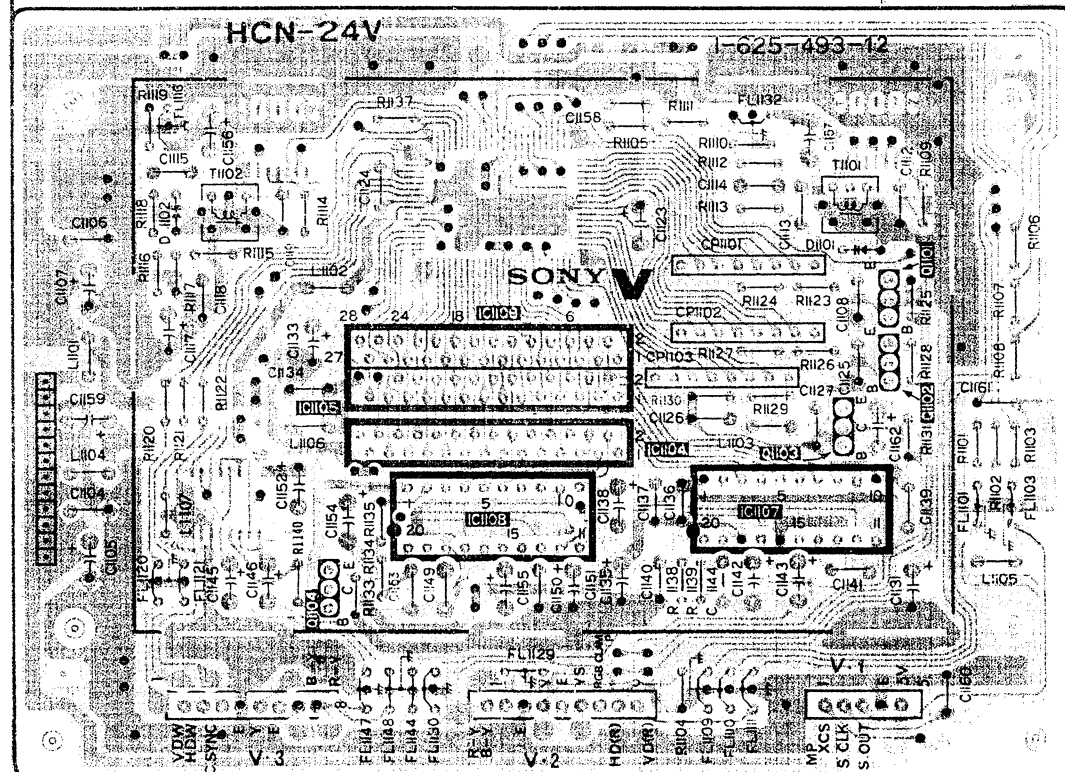


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RM-Y108

[MPX CONTROLLER]

The image shows a complex printed circuit board (PCB) with the Sony logo in the center. The board is densely packed with electronic components, including integrated circuits (ICs), resistors, capacitors, and diodes. Key components and labels include:

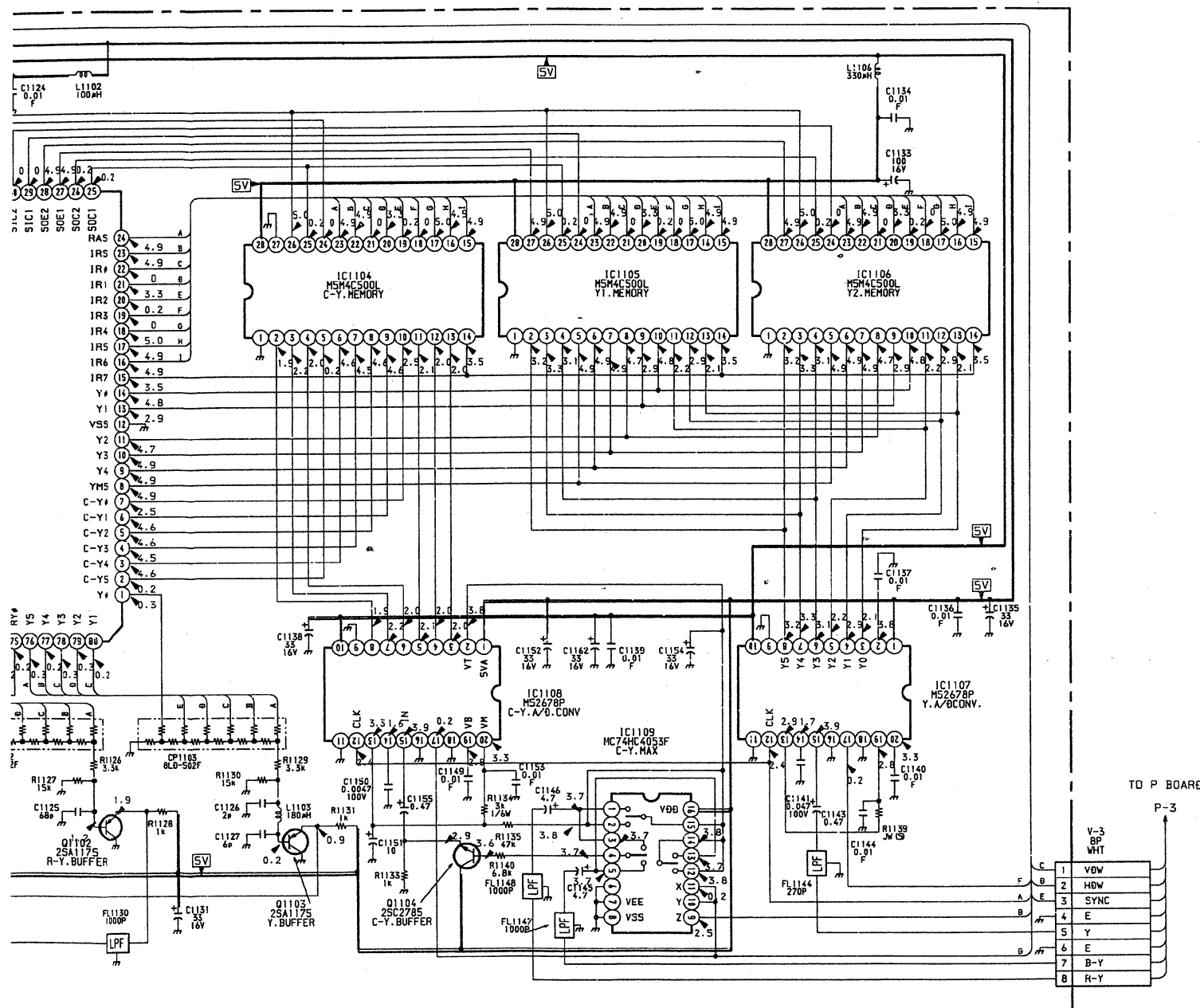
- ICs:** CI103, CI104, CI105, CI106, CI107, CI108, CI109, CI110, CI111, CI112, CI113, CI114, CI115, CI116, CI117, CI118, CI119, CI120, CI121, CI122, CI123, CI124, CI125, CI126, CI127, CI128, CI129, CI130, CI131, CI132, CI133, CI134, CI135, CI136, CI137, CI138, CI139, CI140, CI141, CI142, CI143, CI144, CI145, CI146, CI147, CI148, CI149, CI150, CI151, CI152, CI153, CI154, CI155, CI156, CI157, CI158, CI159, CI160, CI161, CI162, CI163, CI164, CI165, CI166, CI167, CI168, CI169, CI170, CI171, CI172, CI173, CI174, CI175, CI176, CI177, CI178, CI179, CI180, CI181, CI182, CI183, CI184, CI185, CI186, CI187, CI188, CI189, CI190, CI191, CI192, CI193, CI194, CI195, CI196, CI197, CI198, CI199, CI200.
- Resistors:** R101, R102, R103, R104, R105, R106, R107, R108, R109, R110, R111, R112, R113, R114, R115, R116, R117, R118, R119, R120, R121, R122, R123, R124, R125, R126, R127, R128, R129, R130, R131, R132, R133, R134, R135, R136, R137, R138, R139, R140, R141, R142, R143, R144, R145, R146, R147, R148, R149, R150, R151, R152, R153, R154, R155, R156, R157, R158, R159, R160, R161, R162, R163, R164, R165, R166, R167, R168, R169, R170, R171, R172, R173, R174, R175, R176, R177, R178, R179, R180, R181, R182, R183, R184, R185, R186, R187, R188, R189, R190, R191, R192, R193, R194, R195, R196, R197, R198, R199, R200.
- Capacitors:** C101, C102, C103, C104, C105, C106, C107, C108, C109, C110, C111, C112, C113, C114, C115, C116, C117, C118, C119, C120, C121, C122, C123, C124, C125, C126, C127, C128, C129, C130, C131, C132, C133, C134, C135, C136, C137, C138, C139, C140, C141, C142, C143, C144, C145, C146, C147, C148, C149, C150, C151, C152, C153, C154, C155, C156, C157, C158, C159, C160, C161, C162, C163, C164, C165, C166, C167, C168, C169, C170, C171, C172, C173, C174, C175, C176, C177, C178, C179, C180, C181, C182, C183, C184, C185, C186, C187, C188, C189, C190, C191, C192, C193, C194, C195, C196, C197, C198, C199, C200.
- Diodes:** D101, D102, D103, D104, D105, D106, D107, D108, D109, D110, D111, D112, D113, D114, D115, D116, D117, D118, D119, D120, D121, D122, D123, D124, D125, D126, D127, D128, D129, D130, D131, D132, D133, D134, D135, D136, D137, D138, D139, D140, D141, D142, D143, D144, D145, D146, D147, D148, D149, D150, D151, D152, D153, D154, D155, D156, D157, D158, D159, D160, D161, D162, D163, D164, D165, D166, D167, D168, D169, D170, D171, D172, D173, D174, D175, D176, D177, D178, D179, D180, D181, D182, D183, D184, D185, D186, D187, D188, D189, D190, D191, D192, D193, D194, D195, D196, D197, D198, D199, D200.
- Other components:** V1, V2, V3, V4, V5, V6, V7, V8, V9, V10, V11, V12, V13, V14, V15, V16, V17, V18, V19, V20, V21, V22, V23, V24, V25, V26, V27, V28, V29, V30, V31, V32, V33, V34, V35, V36, V37, V38, V39, V40, V41, V42, V43, V44, V45, V46, V47, V48, V49, V50, V51, V52, V53, V54, V55, V56, V57, V58, V59, V60, V61, V62, V63, V64, V65, V66, V67, V68, V69, V70, V71, V72, V73, V74, V75, V76, V77, V78, V79, V80, V81, V82, V83, V84, V85, V86, V87, V88, V89, V90, V91, V92, V93, V94, V95, V96, V97, V98, V99, V100.



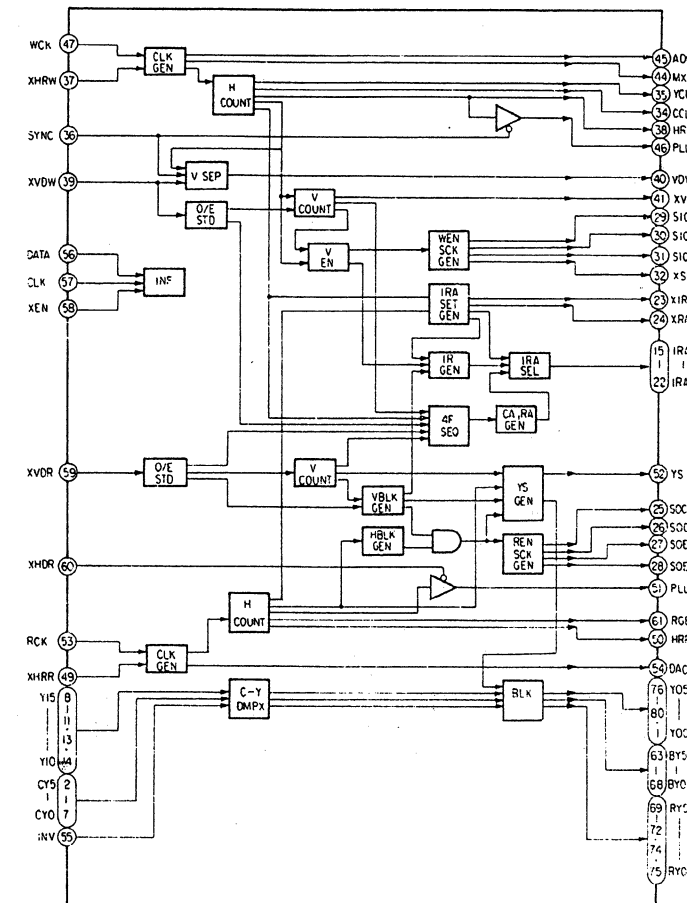
KV-29XBR85
RM-Y108

KV-29XBR85
RM-Y108

7 8 9 10 11 12 13 14 15 16



V BOARD IC1101 CXD1220AQ

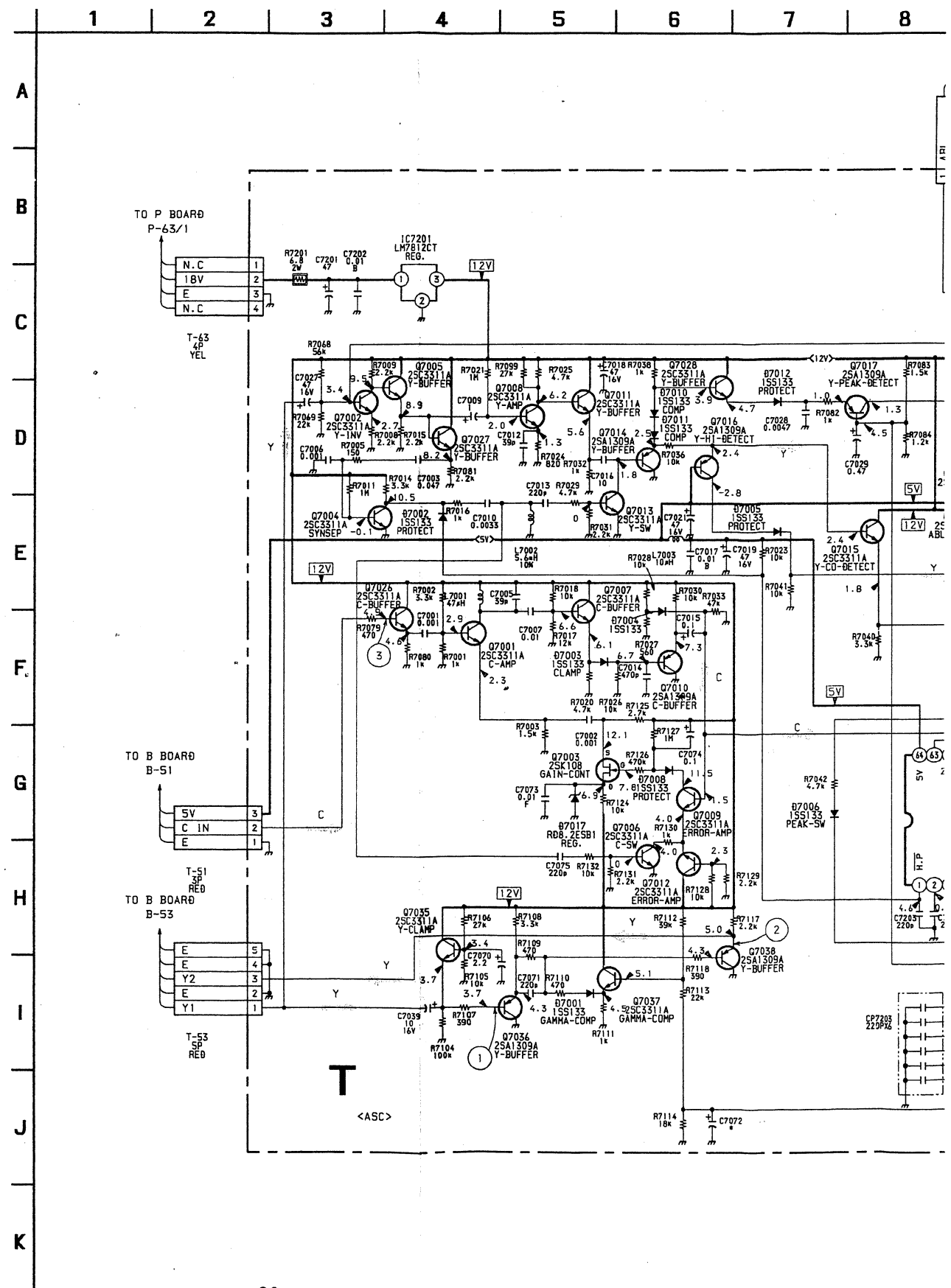
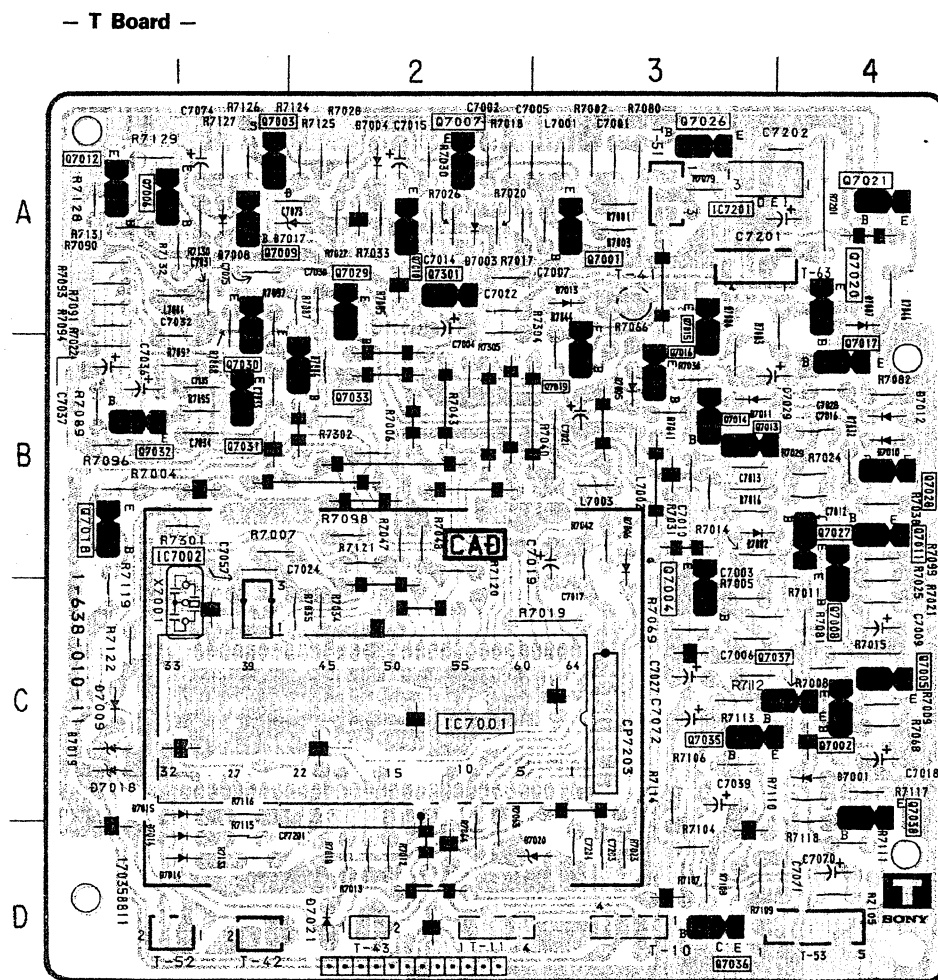


KV-29XBR85
RM-Y108

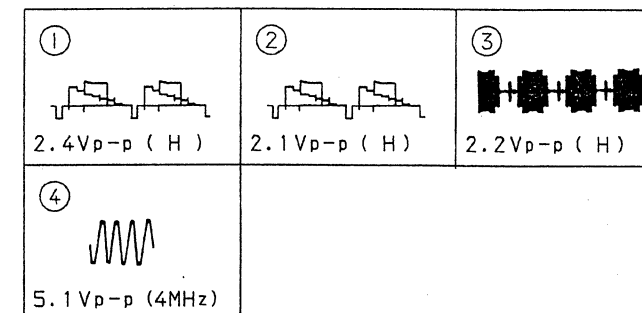
KV-29XBR85
RM-Y108

[ASC] T

| IC | | DIODE | |
|------------|-----|-------|-----|
| IC7001 | C-2 | D7001 | C-4 |
| IC7002 | C-1 | D7002 | B-3 |
| IC7201 | A-3 | D7003 | A-2 |
| TRANSISTOR | | D7004 | A-2 |
| | | D7005 | B-3 |
| | | D7006 | B-3 |
| | | D7008 | A-1 |
| | | D7009 | C-1 |
| | | D7010 | B-4 |
| | | D7011 | B-3 |
| | | D7012 | B-4 |
| | | D7013 | A-3 |
| | | D7014 | D-1 |
| | | D7015 | C-1 |
| | | D7016 | D-1 |
| | | D7017 | A-1 |
| | | D7018 | C-1 |
| | | D7019 | C-1 |
| | | D7020 | D-3 |
| | | D7021 | D-2 |
| Q7001 | A-3 | | |
| Q7002 | C-4 | | |
| Q7003 | A-1 | | |
| Q7004 | C-3 | | |
| Q7005 | C-4 | | |
| Q7006 | A-1 | | |
| Q7007 | A-2 | | |
| Q7008 | B-4 | | |
| Q7009 | A-1 | | |
| Q7010 | A-2 | | |
| Q7011 | B-4 | | |
| Q7012 | A-1 | | |
| Q7013 | B-3 | | |
| Q7014 | B-3 | | |
| Q7015 | A-3 | | |
| Q7016 | B-3 | | |
| Q7017 | B-4 | | |
| Q7018 | B-1 | | |
| Q7019 | B-3 | | |
| Q7020 | A-4 | | |
| Q7021 | A-4 | | |
| Q7026 | A-3 | | |
| Q7027 | B-4 | | |
| Q7028 | B-4 | | |
| Q7029 | A-2 | | |
| Q7030 | A-1 | | |
| Q7031 | B-1 | | |
| Q7032 | B-1 | | |
| Q7033 | B-2 | | |
| Q7035 | C-3 | | |
| Q7036 | D-3 | | |
| Q7037 | C-4 | | |
| Q7038 | C-4 | | |
| Q7301 | A-2 | | |



| | | | | | | | | | |
|---|---|---|---|----|----|----|----|----|----|
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|---|---|---|---|----|----|----|----|----|----|



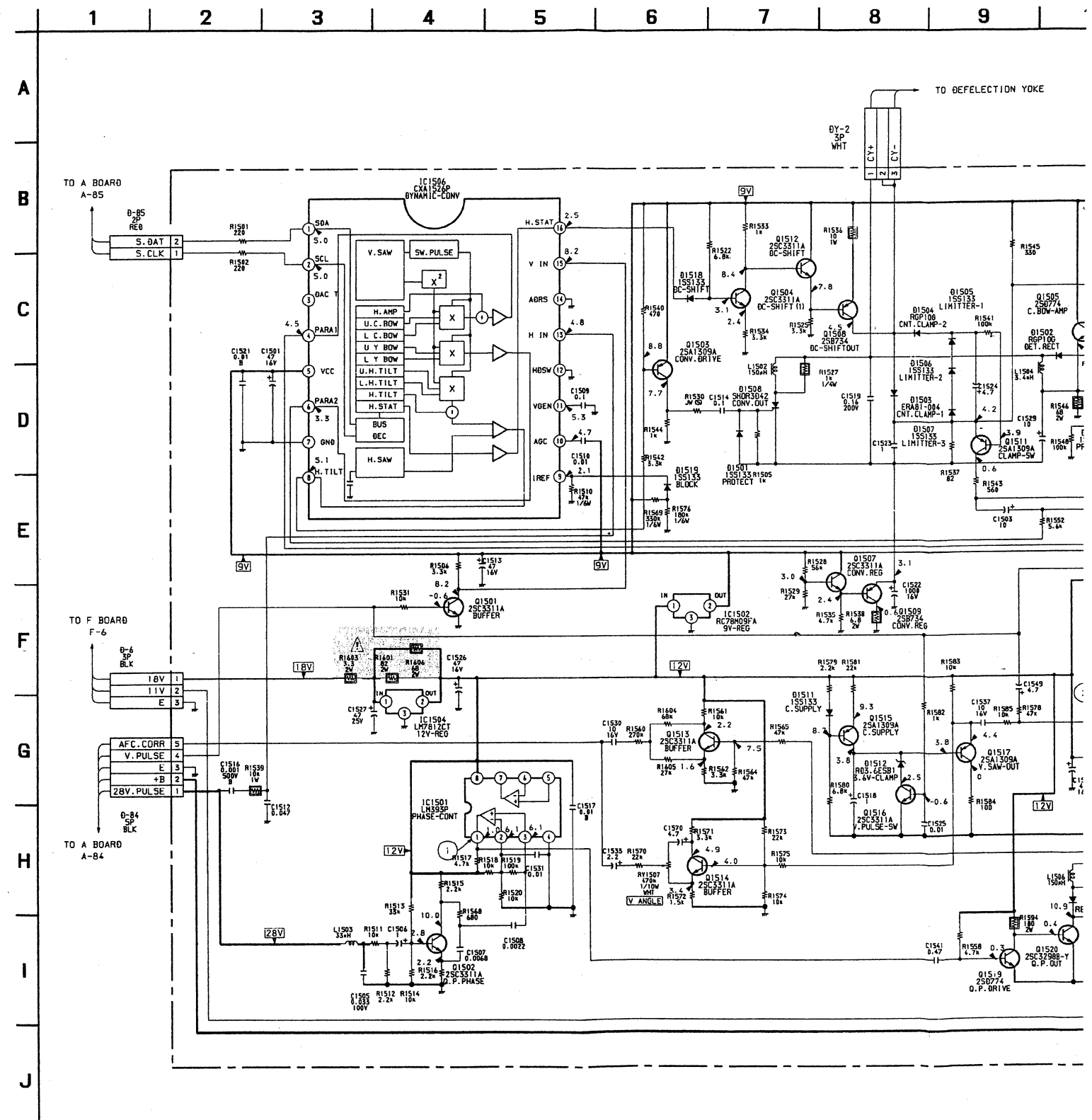
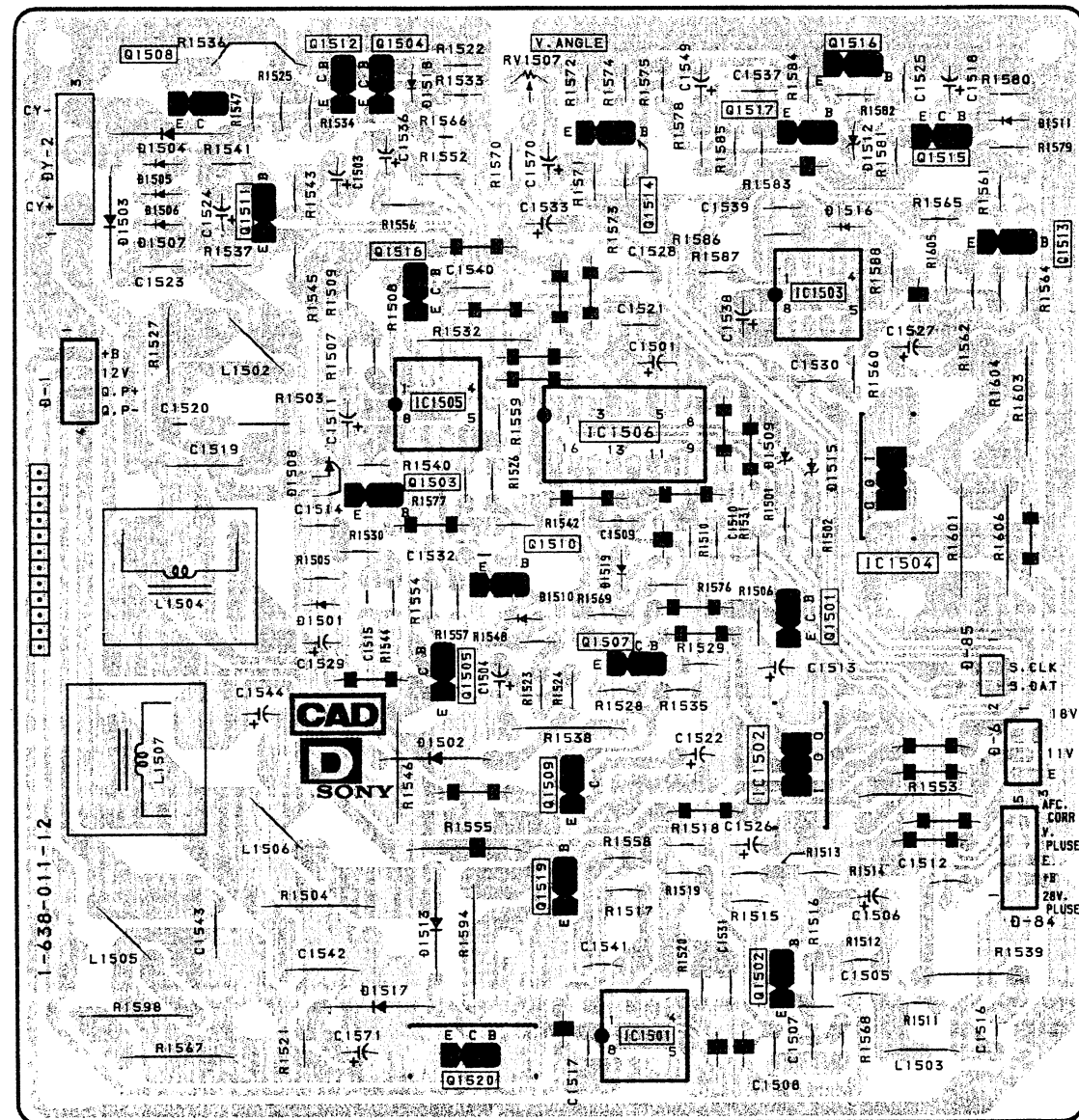
KV-29XBR85
RM-Y108

KV-29XBR85
RM-Y108

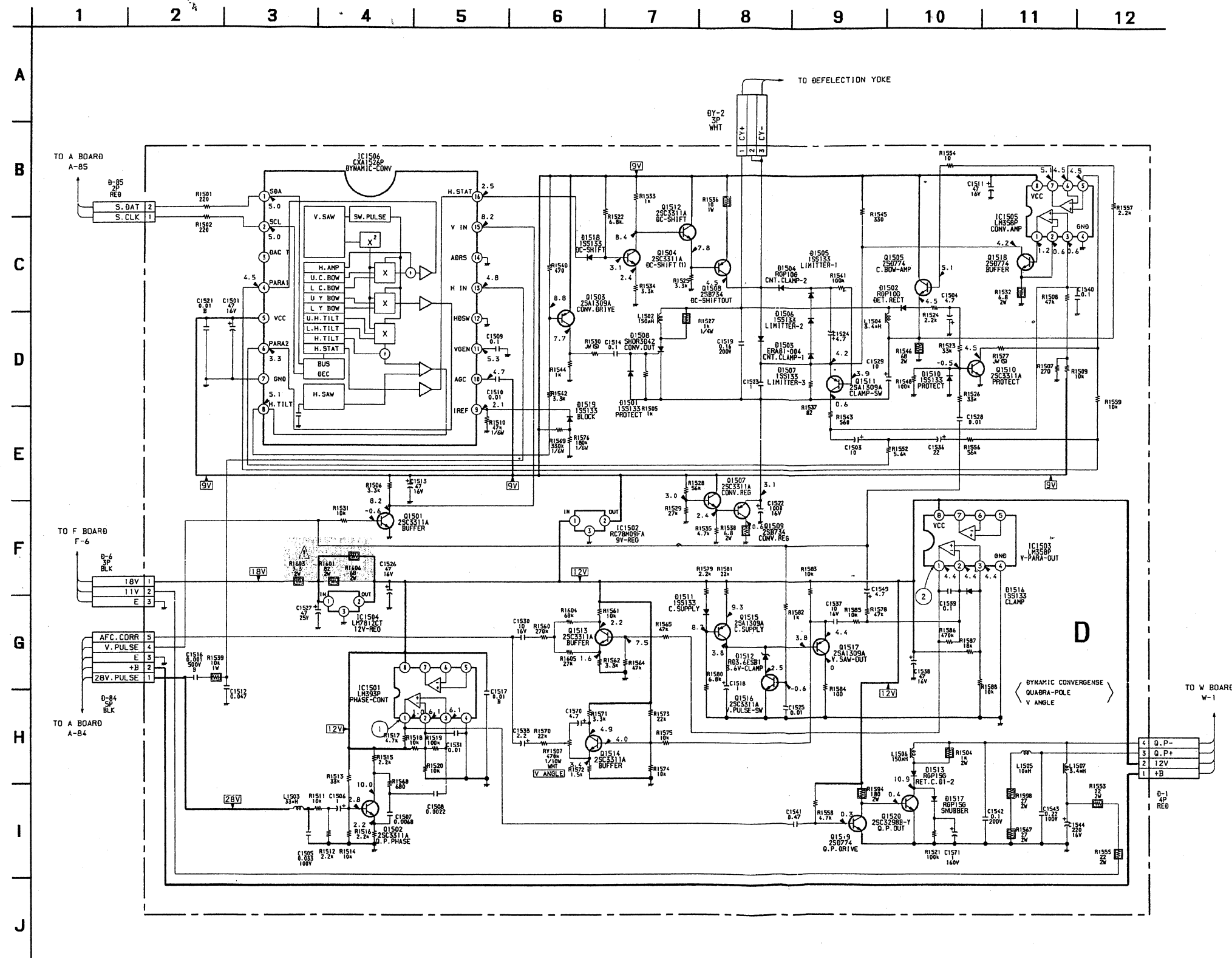
DYNAMIC CONVERGENCE
QUADRA-POLE
V ANGLE

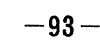
D

- D Board -



D



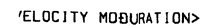


KV-29XBR85
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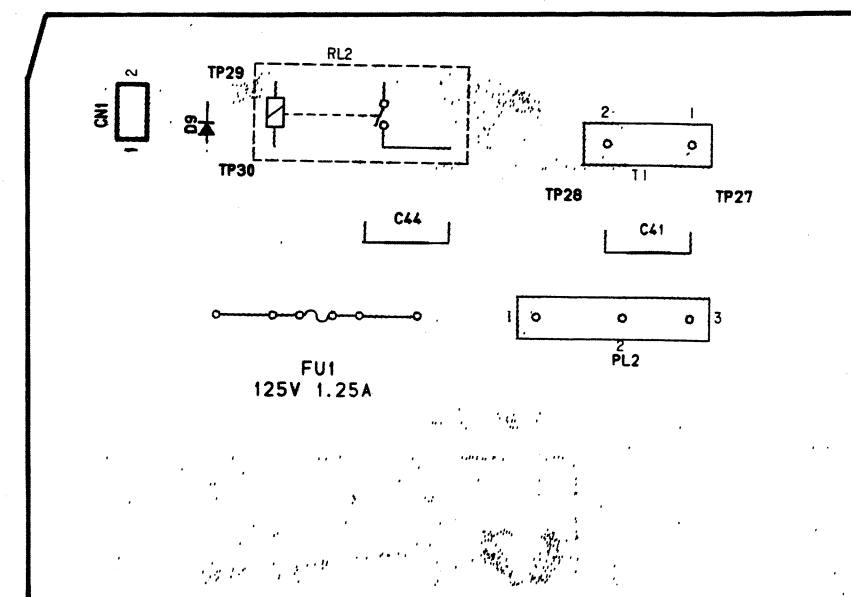
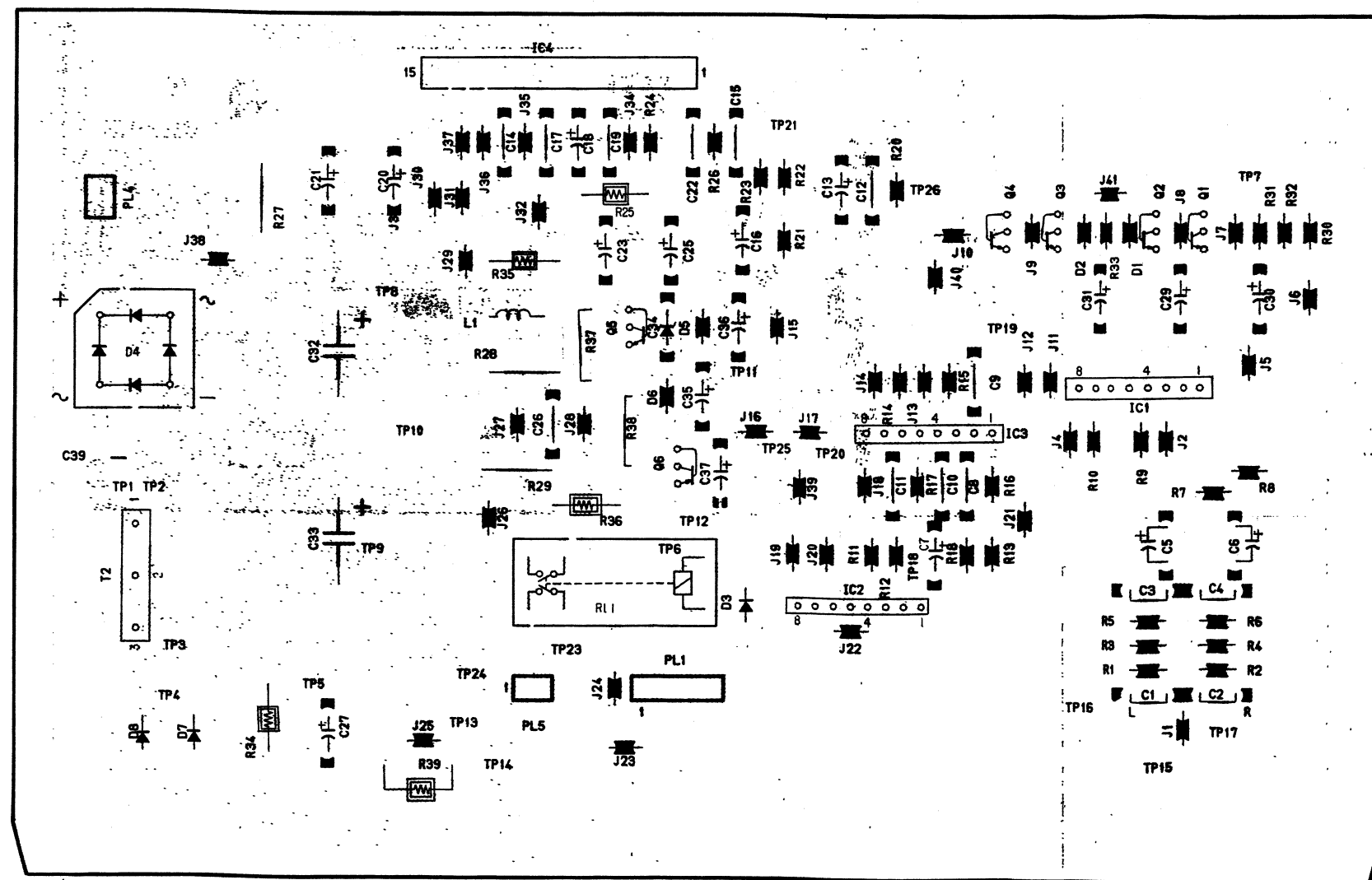
RM-Y108

| | | | | | | | | | | | | | | | |
|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|

| | | |
|-----------------------------|-----------------------------|-----------------------------|
| <p>①</p> <p>2.6Vp-p (H)</p> | <p>②</p> <p>2.5Vp-p (H)</p> | <p>③</p> <p>2.5Vp-p (H)</p> |
|-----------------------------|-----------------------------|-----------------------------|

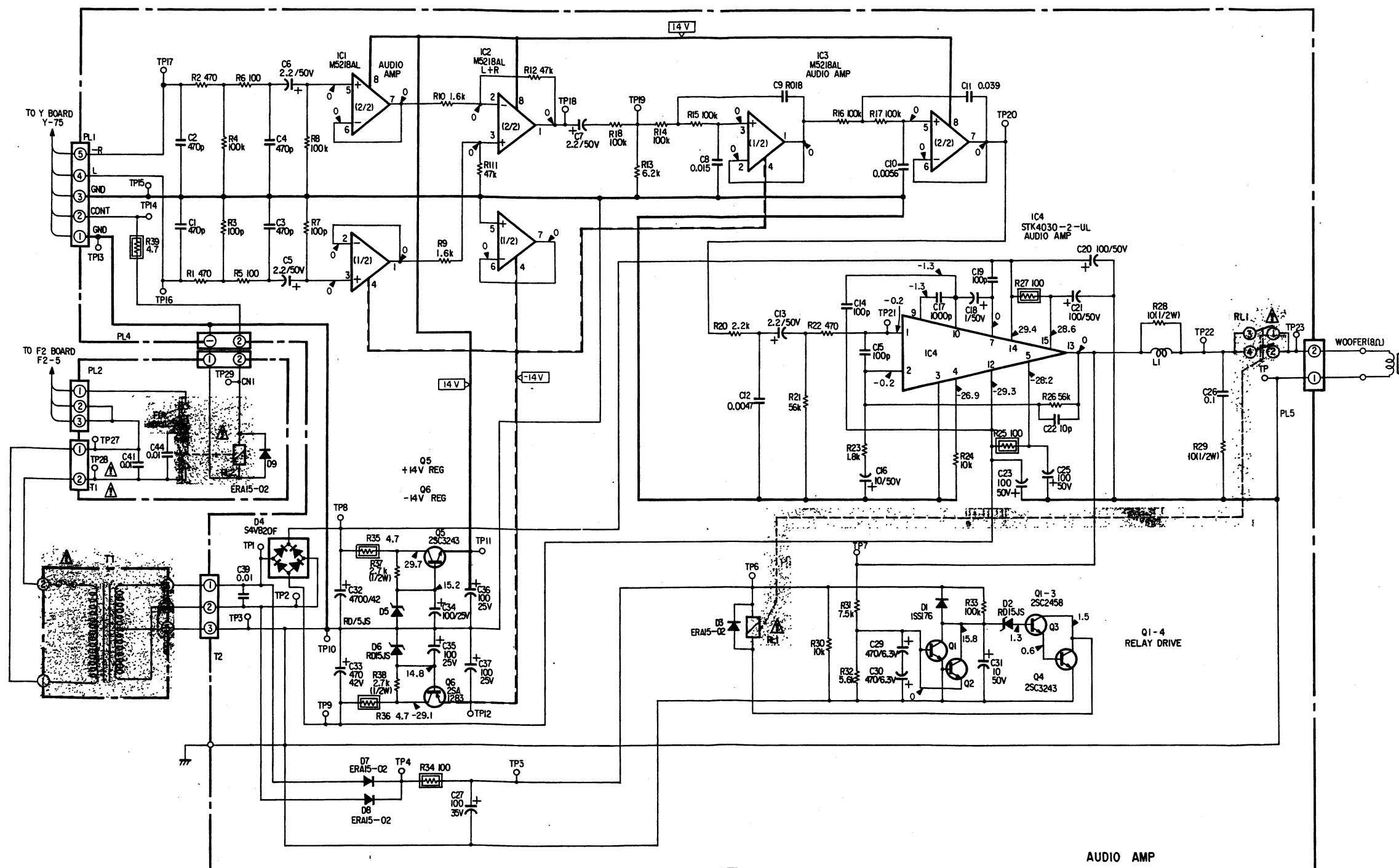


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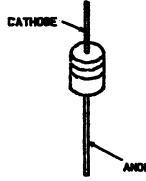
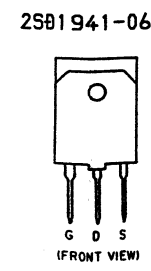
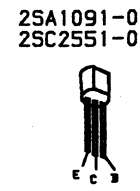
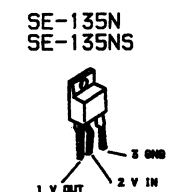
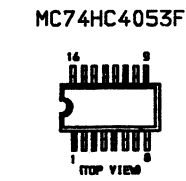
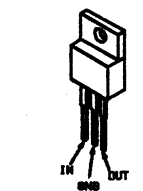
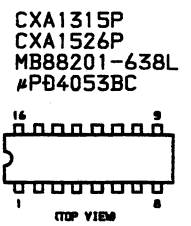
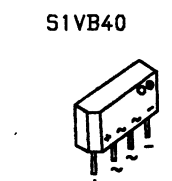
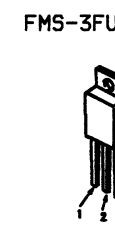
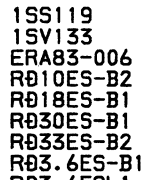
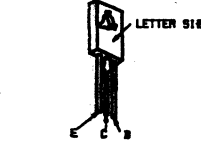
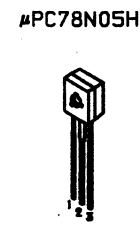
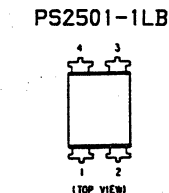
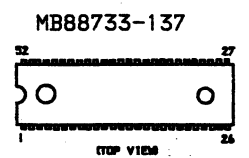
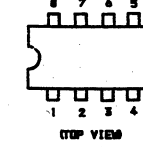
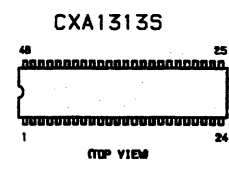
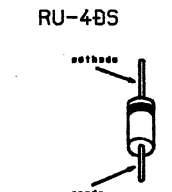
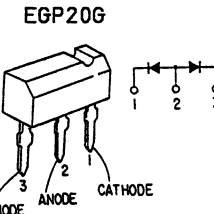
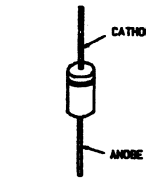
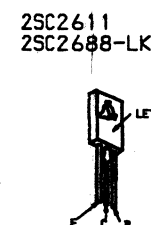
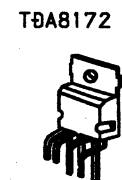
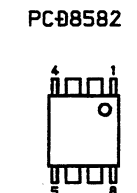
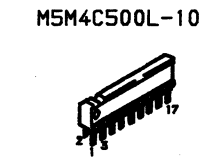
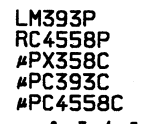
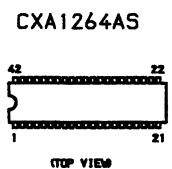
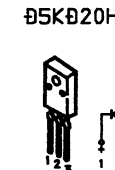
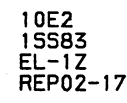
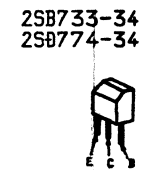
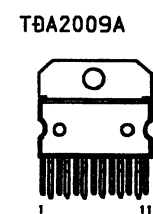
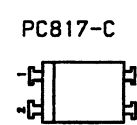
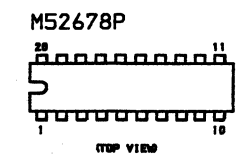
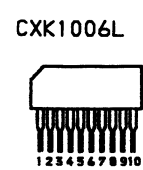
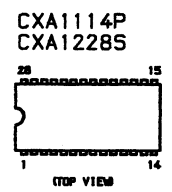
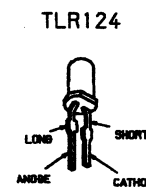
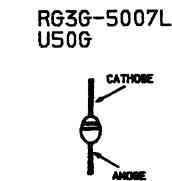
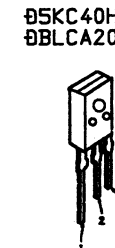
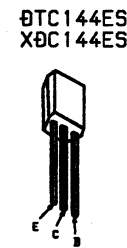
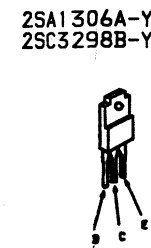
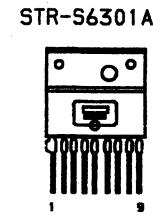
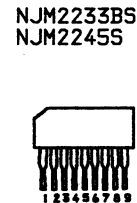
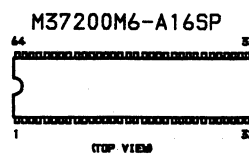
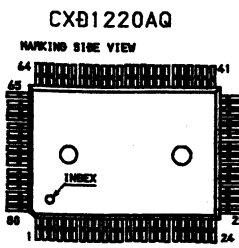
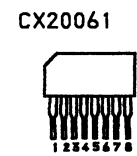
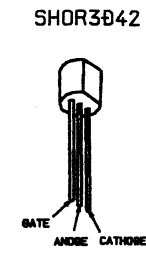
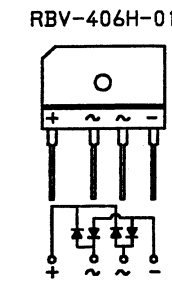
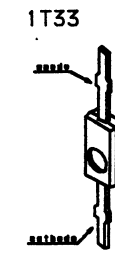
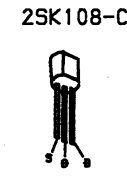
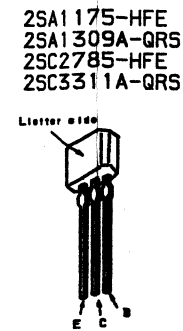
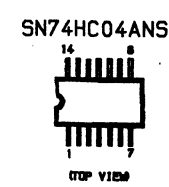
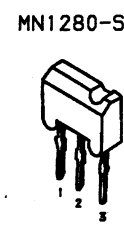
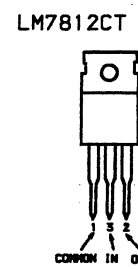
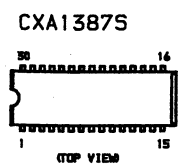
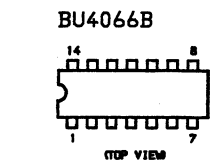


1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

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6-4. SEMICONDUCTORS




SECTION 7 EXPLODED VIEWS

NOTE:


- Items with no part number and no description are not stocked because they are seldom required for routine service.
- The construction parts of an assembled part are indicated with a collation number in the remark column.

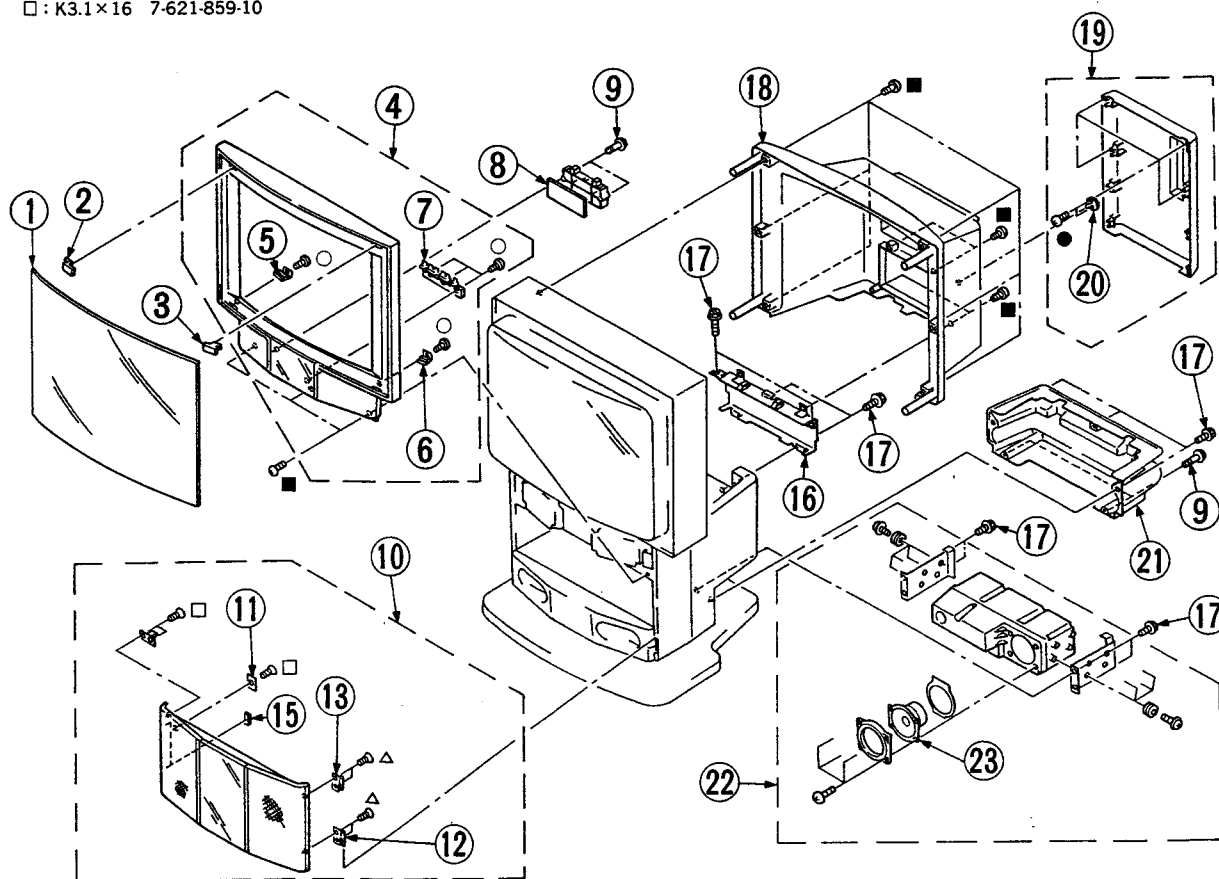
- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

The components identified by shading and mark  are critical for safety. Replace only with part number specified.

7-1. COVER

- : BVTP3×12 7-685-648-79
- : BVTP4×16 7-685-663-79
- : BVTP4×12 7-685-661-14
- △: K4.1×16 7-621-856-40
- : K3.1×16 7-621-859-10

Les composants identifiés par une trame et par une marque  sont d'une importance critique pour la sécurité. Ne les remplacer que par des pièces de numéro spécifié.



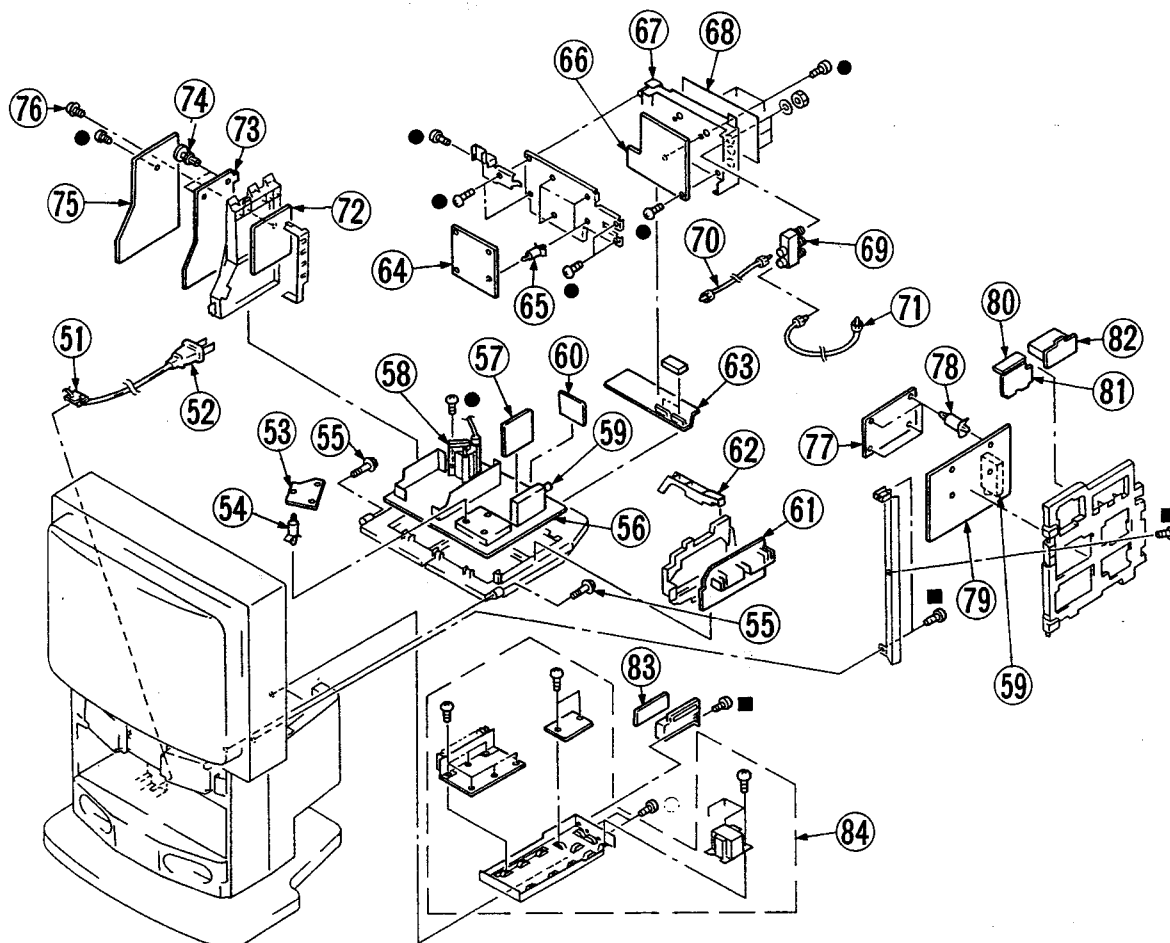
| REF.NO. | PART NO. | DESCRIPTION | REMARK | REF.NO. | PART NO. | DESCRIPTION | REMARK |
|---------|---------------|-----------------------------|--------|---------|---------------|------------------------------|--------|
| 1 | 4-032-192-01 | FILTER, GLASS | | 13 | 4-032-141-01 | HINGE (B) | |
| 2 | 4-032-158-01 | STOPPER (LEFT), FILTER | | 15 | 4-032-146-01 | CUSHION | |
| 3 | 4-032-159-01 | STOPPER (RIGHT), FILTER | | 16 | *4-032-170-01 | PLATE, BLIND | |
| 4 | X-4029-705-1 | BEZEL ASSY | 5-7 | 17 | 4-378-522-01 | SCREW, TAPPING, HEXAGON HEAD | |
| 5 | X-4029-698-1 | HOLDER ASSY (LEFT), FILTER | | 18 | X-4029-709-1 | COVER ASSY, REAR | |
| 6 | X-4029-699-1 | HOLDER ASSY (RIGHT), FILTER | | 19 | X-4029-701-1 | COVER ASSY, TERMINAL | 20 |
| 7 | X-4029-700-1 | BUTTON ASSY, MULTI | | 20 | 4-843-806-00 | STRIKE | |
| 8 | *1-638-780-11 | H7 BOARD | | 21 | *X-4029-901-1 | PANEL ASSY, REAR | |
| 9 | 4-319-520-11 | SCREW, SPECIAL (+PW4X30) | | 22 | 1-544-547-11 | SPEAKER BOX (12CM) | 23 |
| 10 | X-4029-704-1 | DOOR ASSY | 11-15 | 23 | 9-900-278-01 | SPEAKER (WOOFER) 12CM | |
| 11 | 4-032-137-01 | CATCHER | | | | | |
| 12 | 4-032-140-01 | HINGE (C) | | | | | |

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7-2. CHASSIS

- : BVTP3×12 7-685-648-79
- : BVTP4×16 7-685-663-79
- : BVTP4×12 7-685-661-14



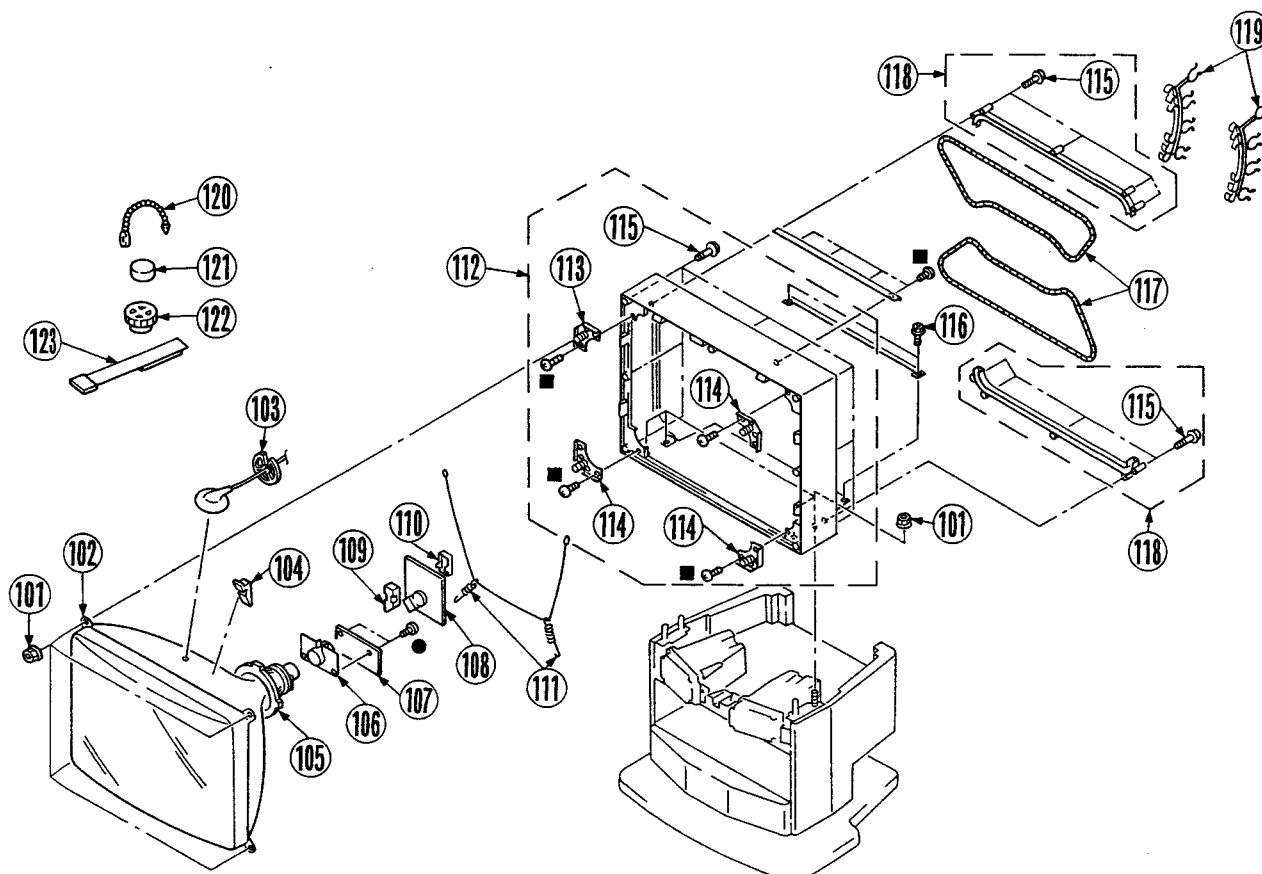
Les composants identifiés par une trame et par une marque ▲ sont d'une importance critique pour la sécurité. Ne les remplacer que par des pièces de numéro spécifié.

The components identified by shading and mark ▲ are critical for safety. Replace only with part number specified.

| REF. NO. | PART NO. | DESCRIPTION | REMARK | REF. NO. | PART NO. | DESCRIPTION | REMARK |
|----------|---------------|------------------------------|--------|----------|---------------|--|--------|
| 51 | ▲4-388-328-01 | GROMMET, AC CORD | | 68 | 4-393-414-01 | LABEL, ANTENNA | |
| 52 | ▲1-590-492-11 | CORD, POWER (WITH CONNECTOR) | | 69 | ▲1-417-178-11 | SELECTOR, ANTENNA (AS-2) | |
| 53 | *1-638-668-11 | F1 BOARD | | 70 | *1-556-945-21 | CABLE, P-P | |
| 54 | *3-703-353-06 | SUPPORT, PC BOARD | | 71 | *1-557-056-31 | CABLE, P-P | |
| 55 | 4-319-520-11 | SCREW, SPECIAL (+PW4X30) | | 72 | *A-1345-983-A | D BOARD, COMPLETE | |
| 56 | *A-1296-855-A | A BOARD, COMPLETE | 57 | 73 | *1-629-628-11 | FO BOARD | |
| 57 | *1-635-250-11 | X1 BOARD | | 74 | 3-531-576-31 | RIVET (DIA. 3), NYLON | |
| 58 | ▲1-439-457-11 | TRANSFORMER ASSY. FLXBACK | | 75 | *A-1245-526-A | F BOARD, COMPLETE | |
| 59 | ▲1-463-771-11 | TUNER, PRE-TUNE (201A) | | 76 | 4-388-477-01 | SCREW(3X16), TAPPING, +BV WASHER | |
| 60 | *1-638-779-11 | Y BOARD | | 77 | *A-1347-039-A | V BOARD, COMPLETE | |
| 61 | *A-1385-104-A | K BOARD, COMPLETE | | 78 | *3-716-104-01 | SUPPORT, PC | |
| 62 | 4-393-435-05 | BRACKET, Y | | 79 | *A-1195-042-A | P BOARD, COMPLETE | |
| 63 | *A-1135-675-A | B BOARD, COMPLETE | | 80 | *1-638-781-11 | Y1 BOARD | |
| 64 | *A-1394-303-A | T BOARD, COMPLETE | | 81 | 8-741-681-01 | IC SBX1681-01 | |
| 65 | *3-703-353-04 | SUPPORT, PC BOARD | | 82 | *1-638-778-11 | B1 BOARD | |
| 66 | A-1394-281-A | U BOARD, COMPLETE | | 83 | *1-638-756-11 | F2 BOARD | |
| 67 | 4-393-419-01 | TERMINAL BOARD, ANTENNA | | 84 | 9-900-614-01 | AMPLIFIER BOARD (INCLUDING FUSE BOARD) | |

7-3. PICTURE TUBE

- : BVTP3×12 7-685-648-79
 ■ : BVTP4×16 7-685-663-79



Les composants identifiés par une trame et par une marque Δ sont d'une importance critique pour la sécurité. Ne les remplacer que par des pièces de numéro spécifié.

The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

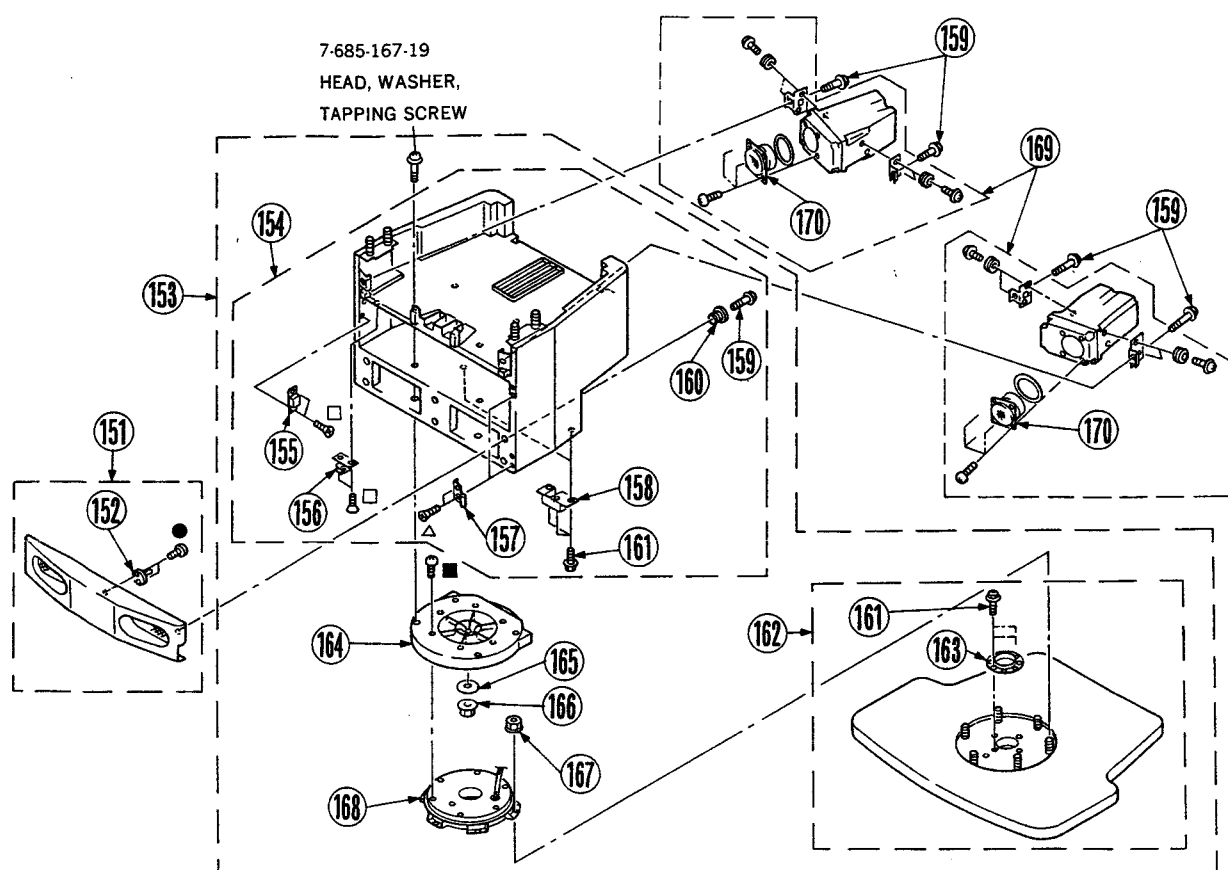
| REF.NO. | PART NO. | DESCRIPTION | REMARK | REF.NO. | PART NO. | DESCRIPTION | REMARK |
|---------|-----------------------|---------------------------------|---------|---------|-----------------------|-------------------------------------|--------|
| 101 | 4-387-204-01 | NUT, SPECIAL, PICTURE TUBE | | 113 | *4-032-154-01 | BRACKET (A), PICTURE TUBE | |
| 102 | Δ 8-733-031-05 | PICTURE TUBE (M74KNF10X) | | 114 | *4-032-155-01 | BRACKET (B), PICTURE TUBE | |
| 103 | *3-704-372-01 | HOLDER, HV CABLE | | 115 | 4-319-520-11 | SCREW, SPECIAL (+PW4X30) | |
| 104 | 3-704-495-01 | SPACER, DY | | 116 | 4-378-522-01 | SCREW, TAPPING, HEXAGON HEAD | |
| 105 | Δ 1-451-372-11 | DEFLECTION YOKE (Y31HGA) | | 117 | Δ 1-426-563-11 | COIL, DEGAUSSING | |
| 106 | Δ 1-452-579-11 | NECK ASSY, PICTURE TUBE (NA322) | | 118 | X-4029-702-1 | HOLDER ASSY, DEGAUSSING COIL | 115 |
| 107 | *A-1371-733-A | W BOARD, COMPLETE | | 119 | *4-032-162-01 | BAND, DEGAUSSING COIL | |
| 108 | *A-1331-146-A | C BOARD, COMPLETE | | 120 | 4-308-870-00 | CLIP, LEAD WIRE | |
| 109 | *4-379-167-01 | COVER (MAIN), CV | | 121 | 1-452-032-00 | MAGNET, DISK; 10MM ϕ | |
| 110 | *4-379-160-01 | COVER (REAR LID), CV | | 122 | 1-452-094-00 | MAGNET, ROTATABLE DISK; 15MM ϕ | |
| 111 | 4-032-152-01 | SPRING, TENSION | | 123 | X-4306-312-0 | PERMALLOY ASSY, CONVERGENCE | |
| 112 | X-4029-711-1 | CABINET ASSY | 113-115 | | | | |

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7-4. RACK

- : BVTP3×12 7-685-648-79
- : BVTP4×16 7-685-663-79
- △ : K4.1×16 7-621-856-40
- : K3.1×16 7-621-859-10



| REF.NO. | PART NO. | DESCRIPTION | REMARK | REF.NO. | PART NO. | DESCRIPTION | REMARK |
|---------|---------------|--------------------------|--------|---------|---------------|----------------------|----------------|
| 151 | *X-4029-707-1 | PANEL ASSY, FRONT | | 152 | 161 | *3-703-805-41 | SCREW, TAPPING |
| 152 | 4-843-806-00 | STRIKE | | 162 | *X-4029-703-1 | BASE ASSY | 161, 163 |
| 153 | *A-1500-143-A | RACK COMPLETE ASSY | | 163 | 4-032-160-01 | BUSHING | |
| 154 | *X-4029-706-1 | RACK ASSY | | 164 | *4-032-188-01 | BASE | |
| 155 | 4-032-136-01 | CATCHER, MAGNET | | 165 | 4-032-145-01 | SPACER | |
| 156 | 4-032-138-01 | CATCHER, LEVEL | | 166 | 4-032-149-01 | NUT, FLANGE NYLON | |
| 157 | 4-032-139-01 | HINGE (A) | | 167 | 4-304-749-00 | NUT, FLANGE | |
| 158 | 4-032-163-01 | BRACKET, PANEL | | 168 | 1-550-689-11 | SWIVEL, AUTO | |
| 159 | 4-319-520-11 | SCREW, SPECIAL (+PW4X30) | | 169 | 1-544-546-11 | SPEAKER BOX (8.7CM) | 170 |
| 160 | *4-349-110-00 | HOLDER, SCREW | | 170 | 9-900-277-01 | SPEAKER (MAIN) 8.7CM | |

SECTION 8

ELECTRICAL PARTS LIST

B1

B

NOTE:

- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

RESISTORS

- All resistors are in ohms
- F : nonflammable

When indicating parts by reference number, please include the board name.

CAPACITORS

MF : μ F, PF : μ F

COILS

MMH : mH, UH : μ H

- The components identified by Δ in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.

The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et par une marque Δ sont d'une importance critique pour la sécurité. Ne les remplacer que par des pièces de numéro spécifié.

| REF.NO. | PART NO. | DESCRIPTION | REMARK | REF.NO. | PART NO. | DESCRIPTION | REMARK |
|---------|---------------|-----------------------------------|---------|---------|--------------|-------------------------|---------|
| | *1-638-778-11 | B1 BOARD ***** | | C1308 | 1-124-893-11 | ELECT 2200MF | 20% 10V |
| | | | | C1309 | 1-102-121-00 | CERAMIC 0.0022MF | 10% 50V |
| | | | | C1310 | 1-124-907-11 | ELECT 10MF | 20% 50V |
| | | <CONNECTOR> | | C1316 | 1-124-589-11 | ELECT 47MF | 20% 16V |
| B1-71 | *1-564-506-11 | PLUG, CONNECTOR 3P | | C1317 | 1-124-477-11 | ELECT 47MF | 20% 16V |
| B1-74 | *1-560-124-00 | PLUG, CONNECTOR (2.5MM PITCH) | | C1319 | 1-124-477-11 | ELECT 47MF | 20% 16V |
| | | <CAPACITOR> | | C1321 | 1-124-477-11 | ELECT 47MF | 20% 16V |
| C1390 | 1-124-903-11 | ELECT 1MF | 20% 50V | C1325 | 1-124-477-11 | ELECT 47MF | 20% 16V |
| C1391 | 1-102-074-00 | CERAMIC 0.001MF | 10% 50V | C1326 | 1-136-161-00 | FILM 0.047MF | 5% 50V |
| C1392 | 1-124-903-11 | ELECT 1MF | 20% 50V | C1327 | 1-124-477-11 | ELECT 47MF | 20% 16V |
| C1393 | 1-102-074-00 | CERAMIC 0.001MF | 10% 50V | C1342 | 1-164-066-11 | CERAMIC 68PF | 5% 50V |
| | | <IC> | | C1343 | 1-124-907-11 | ELECT 10MF | 20% 50V |
| DC1390 | 8-741-653-01 | IC SBX1653-01 | | C1344 | 1-126-233-11 | ELECT 22MF | 20% 25V |
| IC1390 | 8-759-929-62 | IC LM7812CT | | C1345 | 1-126-233-11 | ELECT 22MF | 20% 25V |
| IC1391 | 8-759-924-12 | IC LM7805CT | | C1346 | 1-126-233-11 | ELECT 22MF | 20% 25V |
| | | <RESISTOR> | | C1347 | 1-124-477-11 | ELECT 47MF | 20% 16V |
| R1390 | 1-216-446-00 | METAL OXIDE 18 5% 2W F | | C1349 | 1-124-477-11 | ELECT 47MF | 20% 16V |
| R1391 | 1-216-378-11 | METAL OXIDE 5.6 5% 2W F | | | | <DIODE> | |
| | | ***** | | D1301 | 8-719-911-19 | DIODE 1SS119 | |
| | *A-1135-675-A | B BOARD, COMPLETE ***** | | D1302 | 8-719-911-19 | DIODE 1SS119 | |
| | | <CONNECTOR> | | D1303 | 8-719-109-97 | DIODE RD6.8ES-B2 | |
| B2 | *1-564-507-11 | PLUG, CONNECTOR 4P | | D1304 | 8-719-109-97 | DIODE RD6.8ES-B2 | |
| B5 | *1-568-376-11 | CONNECTOR, HINGE (RECEPTACLE) 7P | | D1305 | 8-719-109-97 | DIODE RD6.8ES-B2 | |
| B24 | *1-568-371-11 | PIN, CONNECTOR (PC BOARD) 15P | | D1306 | 8-719-911-19 | DIODE 1SS119 | |
| B26 | *1-568-371-11 | PIN, CONNECTOR (PC BOARD) 15P | | | | <DELAY LINE> | |
| B29 | *1-566-942-11 | CONNECTOR, HINGE (RECEPTACLE) 30P | | DL1300 | 1-415-831-11 | DELAY LINE | |
| B51 | *1-564-506-11 | PLUG, CONNECTOR 3P | | | | <IC> | |
| B52 | *1-564-505-11 | PLUG, CONNECTOR 2P | | IC1301 | 8-759-972-43 | IC PCD8582 | |
| B53 | *1-564-508-11 | PLUG, CONNECTOR 5P | | IC1302 | 8-752-037-15 | IC CXA1387S | |
| B73 | *1-564-509-11 | PLUG, CONNECTOR 6P | | IC1303 | 8-752-035-53 | IC CXA1315P | |
| B74 | *1-560-124-00 | PLUG, CONNECTOR (2.5MM PITCH) | | IC1304 | 8-759-710-69 | IC NJM2233BS | |
| | | <CAPACITOR> | | IC1305 | 8-759-710-69 | IC NJM2233BS | |
| C1301 | 1-130-728-00 | FILM 0.0022MF | 5% 50V | | | <COIL> | |
| C1302 | 1-124-119-00 | ELECT 330MF | 20% 16V | L1301 | 1-410-668-11 | INDUCTOR 27UH | |
| C1303 | 1-126-233-11 | ELECT 22MF | 20% 25V | L1302 | 1-410-663-31 | INDUCTOR 10UH | |
| C1304 | 1-126-233-11 | ELECT 22MF | 20% 25V | | | <TRANSISTOR> | |
| C1305 | 1-126-233-11 | ELECT 22MF | 20% 25V | Q1301 | 8-729-119-78 | TRANSISTOR 2SC2785-HFE | |
| C1306 | 1-164-035-11 | CERAMIC 47PF | 5% 50V | Q1302 | 8-729-423-44 | TRANSISTOR 2SA1309A-QRS | |
| C1307 | 1-124-477-11 | ELECT 47MF | 20% 16V | Q1303 | 8-729-119-78 | TRANSISTOR 2SC2785-HFE | |
| | | | | Q1304 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | |
| | | | | Q1305 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | |



| REF.NO. | PART NO. | DESCRIPTION | REMARK | REF.NO. | PART NO. | DESCRIPTION | REMARK |
|------------|--------------|-------------------------|--------|---------------|-------------------|--------------------------|--------|
| Q1308 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | | R1370 | 1-249-426-11 | CARBON 5.6K 5% 1/4W | |
| Q1309 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | | R1371 | 1-249-426-11 | CARBON 5.6K 5% 1/4W | |
| Q1311 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | | R1372 | 1-249-423-11 | CARBON 3.3K 5% 1/4W | |
| Q1312 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | | R1373 | 1-249-424-11 | CARBON 3.9K 5% 1/4W | |
| Q1313 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | | R1374 | 1-249-405-11 | CARBON 100 5% 1/4W | |
| <RESISTOR> | | | | ***** | | | |
| R1301 | 1-249-429-11 | CARBON 10K 5% 1/4W | | *A-1195-042-A | P BOARD, COMPLETE | ***** | |
| R1302 | 1-249-409-11 | CARBON 220 5% 1/4W | | *4-334-952-00 | CASE (C), SHIELD | | |
| R1303 | 1-249-409-11 | CARBON 220 5% 1/4W | | *4-341-751-01 | EYELET (EY1,EY2) | | |
| R1304 | 1-249-429-11 | CARBON 10K 5% 1/4W | | <CAPACITOR> | | | |
| R1305 | 1-249-429-11 | CARBON 10K 5% 1/4W | | C3101 | 1-124-907-11 | ELECT 10MF 20% 50V | |
| R1306 | 1-249-441-11 | CARBON 100K 5% 1/4W | | C3102 | 1-124-907-11 | ELECT 10MF 20% 50V | |
| R1307 | 1-249-429-11 | CARBON 10K 5% 1/4W | | C3103 | 1-124-907-11 | ELECT 10MF 20% 50V | |
| R1308 | 1-249-417-11 | CARBON 1K 5% 1/4W | | C3104 | 1-136-157-00 | FILM 0.022MF 5% 50V | |
| R1309 | 1-249-425-11 | CARBON 4.7K 5% 1/4W | | C3105 | 1-126-233-11 | ELECT 22MF 20% 25V | |
| R1310 | 1-249-428-11 | CARBON 8.2K 5% 1/4W | | C3106 | 1-126-233-11 | ELECT 22MF 20% 25V | |
| R1311 | 1-249-409-11 | CARBON 220 5% 1/4W | | C3201 | 1-124-907-11 | ELECT 10MF 20% 50V | |
| R1312 | 1-249-409-11 | CARBON 220 5% 1/4W | | C3202 | 1-124-907-11 | ELECT 10MF 20% 50V | |
| R1313 | 1-249-417-11 | CARBON 1K 5% 1/4W | | C3203 | 1-124-119-00 | ELECT 330MF 20% 16V | |
| R1314 | 1-249-417-11 | CARBON 1K 5% 1/4W | | C3204 | 1-124-478-11 | ELECT 100MF 20% 25V | |
| R1315 | 1-249-425-11 | CARBON 4.7K 5% 1/4W | | C3205 | 1-124-119-00 | ELECT 330MF 20% 16V | |
| R1317 | 1-249-426-11 | CARBON 5.6K 5% 1/4W | | C3206 | 1-124-472-11 | ELECT 470MF 20% 10V | |
| R1320 | 1-249-405-11 | CARBON 100 5% 1/4W | | C3207 | 1-126-233-11 | ELECT 22MF 20% 50V | |
| R1321 | 1-249-405-11 | CARBON 100 5% 1/4W | | C3208 | 1-124-478-11 | ELECT 100MF 20% 25V | |
| R1322 | 1-249-405-11 | CARBON 100 5% 1/4W | | C3209 | 1-102-121-00 | CERAMIC 0.0022MF 10% 50V | |
| R1323 | 1-249-405-11 | CARBON 100 5% 1/4W | | C3210 | 1-101-003-00 | CERAMIC 0.0047MF 50V | |
| R1324 | 1-249-405-11 | CARBON 100 5% 1/4W | | C3211 | 1-101-003-00 | CERAMIC 0.0047MF 50V | |
| R1325 | 1-249-405-11 | CARBON 100 5% 1/4W | | C3212 | 1-164-048-11 | CERAMIC 12PF 5% 50V | |
| R1326 | 1-249-433-11 | CARBON 22K 5% 1/4W | | C3213 | 1-124-903-11 | ELECT 1MF 20% 50V | |
| R1327 | 1-249-417-11 | CARBON 1K 5% 1/4W | | C3214 | 1-164-054-11 | CERAMIC 22PF 5% 50V | |
| R1328 | 1-249-405-11 | CARBON 100 5% 1/4W | | C3215 | 1-164-056-11 | CERAMIC 27PF 5% 50V | |
| R1329 | 1-249-405-11 | CARBON 100 5% 1/4W | | C3216 | 1-164-060-11 | CERAMIC 39PF 5% 50V | |
| R1330 | 1-249-405-11 | CARBON 100 5% 1/4W | | C3217 | 1-126-103-11 | ELECT 470MF 20% 16V | |
| R1331 | 1-249-417-11 | CARBON 1K 5% 1/4W | | C3218 | 1-101-004-00 | CERAMIC 0.01MF 50V | |
| R1332 | 1-249-429-11 | CARBON 10K 5% 1/4W | | C3219 | 1-101-002-00 | CERAMIC 0.0022MF 50V | |
| R1333 | 1-249-434-11 | CARBON 27K 5% 1/4W | | C3220 | 1-164-070-11 | CERAMIC 100PF 5% 50V | |
| R1334 | 1-249-418-11 | CARBON 1.2K 5% 1/4W | | C3221 | 1-164-062-11 | CERAMIC 47PF 5% 50V | |
| R1335 | 1-249-423-11 | CARBON 3.3K 5% 1/4W | | C3222 | 1-164-062-11 | CERAMIC 47PF 5% 50V | |
| R1336 | 1-249-424-11 | CARBON 3.9K 5% 1/4W | | C3223 | 1-124-477-11 | ELECT 47MF 20% 16V | |
| R1337 | 1-249-428-11 | CARBON 8.2K 5% 1/4W | | C3224 | 1-124-478-11 | ELECT 100MF 20% 25V | |
| R1338 | 1-249-424-11 | CARBON 3.9K 5% 1/4W | | C3225 | 1-124-478-11 | ELECT 100MF 20% 25V | |
| R1339 | 1-249-421-11 | CARBON 2.2K 5% 1/4W | | C3226 | 1-124-902-00 | ELECT 0.47MF 20% 50V | |
| R1340 | 1-249-417-11 | CARBON 1K 5% 1/4W | | C3227 | 1-124-477-11 | ELECT 47MF 20% 16V | |
| R1341 | 1-249-413-11 | CARBON 470 5% 1/4W | | C3228 | 1-124-927-11 | ELECT 4.7MF 20% 50V | |
| R1342 | 1-249-435-11 | CARBON 33K 5% 1/4W | | C3230 | 1-164-072-11 | CERAMIC 120PF 5% 50V | |
| R1343 | 1-249-433-11 | CARBON 22K 5% 1/4W | | C3231 | 1-102-978-00 | CERAMIC 220PF 5% 50V | |
| R1344 | 1-249-417-11 | CARBON 1K 5% 1/4W | | C3232 | 1-102-114-00 | CERAMIC 470PF 10% 50V | |
| R1345 | 1-249-424-11 | CARBON 3.9K 5% 1/4W | | C3235 | 1-126-101-11 | ELECT 100MF 20% 16V | |
| R1346 | 1-249-424-11 | CARBON 3.9K 5% 1/4W | | C3801 | 1-124-477-11 | ELECT 47MF 20% 16V | |
| R1348 | 1-249-434-11 | CARBON 27K 5% 1/4W | | C3802 | 1-124-477-11 | ELECT 47MF 20% 16V | |
| R1349 | 1-249-424-11 | CARBON 3.9K 5% 1/4W | | C3803 | 1-124-477-11 | ELECT 47MF 20% 16V | |
| R1350 | 1-249-419-11 | CARBON 1.5K 5% 1/4W | | C3804 | 1-124-477-11 | ELECT 47MF 20% 16V | |
| R1351 | 1-249-409-11 | CARBON 220 5% 1/4W | | C3805 | 1-164-068-11 | CERAMIC 82PF 5% 50V | |
| R1352 | 1-249-411-11 | CARBON 330 5% 1/4W | | C3806 | 1-102-976-00 | CERAMIC 180PF 5% 50V | |
| R1353 | 1-249-405-11 | CARBON 100 5% 1/4W | | C3807 | 1-136-163-00 | FILM 0.068MF 5% 50V | |
| R1354 | 1-249-417-11 | CARBON 1K 5% 1/4W | | C3808 | 1-164-072-11 | CERAMIC 120PF 5% 50V | |
| R1355 | 1-249-417-11 | CARBON 1K 5% 1/4W | | C3809 | 1-164-056-11 | CERAMIC 27PF 5% 50V | |
| R1356 | 1-249-405-11 | CARBON 100 5% 1/4W | | C3810 | 1-164-058-11 | CERAMIC 33PF 5% 50V | |
| R1357 | 1-249-418-11 | CARBON 1.2K 5% 1/4W | | C3811 | 1-124-907-11 | ELECT 10MF 20% 50V | |
| R1358 | 1-249-417-11 | CARBON 1K 5% 1/4W | | | | | |
| R1359 | 1-249-429-11 | CARBON 10K 5% 1/4W | | | | | |
| R1362 | 1-249-427-11 | CARBON 6.8K 5% 1/4W | | | | | |

P

The components identified by shading and mark Δ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une trame et par une marque Δ sont d'une importance critique pour la sécurité. Ne les remplacer que par des pièces de numéro spécifié.

| REF.NO. | PART NO. | DESCRIPTION | REMARK | REF.NO. | PART NO. | DESCRIPTION | REMARK |
|--------------|--------------|--------------------------|--------|--------------|-----------------------|-------------------------------|--------|
| C3812 | 1-136-163-00 | FILM 0.068MF 5% | 50V | <IC> | | | |
| C3813 | 1-136-169-00 | FILM 0.22MF 5% | 50V | IC3201 | Δ 8-759-142-04 | IC UPT7895MF | |
| C3814 | 1-101-004-00 | CERAMIC 0.01MF | 50V | IC3202 | 8-759-512-50 | IC MB88733-137 | |
| C3815 | 1-101-004-00 | CERAMIC 0.01MF | 50V | IC3203 | Δ 8-759-924-12 | IC LM7805CT | |
| C3816 | 1-164-068-11 | CERAMIC 82PF 5% | 50V | IC3204 | 8-759-803-25 | IC CXK1006L | |
| C3817 | 1-164-066-11 | CERAMIC 68PF 5% | 50V | IC3205 | 8-759-140-53 | IC UPD4053BC | |
| C3818 | 1-102-108-00 | CERAMIC 150PF 10% | 50V | IC3801 | 8-752-006-12 | IC CX20061 | |
| C3819 | 1-164-068-11 | CERAMIC 82PF 5% | 50V | IC3802 | 8-752-006-12 | IC CX20061 | |
| C3820 | 1-124-477-11 | ELECT 47MF 20% | 16V | IC3803 | 8-752-033-32 | IC CXA1228S | |
| C3821 | 1-101-004-00 | CERAMIC 0.01MF | 50V | IC3805 | 8-752-035-53 | IC CXA1315P | |
| C3822 | 1-164-048-11 | CERAMIC 12PF 5% | 50V | <IF BLOCK> | | | |
| C3823 | 1-164-054-11 | CERAMIC 22PF 5% | 50V | IF3201 | Δ 1-464-755-21 | IF BLOCK (1FB-450A) | |
| C3824 | 1-124-903-11 | ELECT 1MF 20% | 50V | <COIL> | | | |
| C3825 | 1-136-153-00 | FILM 0.01MF 5% | 50V | L3201 | 1-408-408-00 | INDUCTOR 8.2UH | |
| C3826 | 1-101-004-00 | CERAMIC 0.01MF | 50V | L3202 | 1-408-421-00 | INDUCTOR 100UH | |
| C3827 | 1-124-907-11 | ELECT 10MF 20% | 50V | L3203 | 1-408-413-00 | INDUCTOR 22UH | |
| C3828 | 1-164-048-11 | CERAMIC 12PF 5% | 50V | L3204 | 1-408-409-00 | INDUCTOR 10UH | |
| C3829 | 1-101-001-00 | CERAMIC 0.001MF | 50V | L3801 | 1-408-415-00 | INDUCTOR 33UH | |
| C3830 | 1-136-172-00 | FILM 0.39MF 5% | 50V | L3802 | 1-408-412-00 | INDUCTOR 18UH | |
| C3831 | 1-136-172-00 | FILM 0.39MF 5% | 50V | L3803 | 1-408-421-00 | INDUCTOR 100UH | |
| C3832 | 1-136-172-00 | FILM 0.39MF 5% | 50V | L3804 | 1-408-421-00 | INDUCTOR 100UH | |
| C3833 | 1-164-048-11 | CERAMIC 12PF 5% | 50V | L3805 | 1-408-409-00 | INDUCTOR 10UH | |
| C3849 | 1-164-064-11 | CERAMIC 56PF 5% | 50V | L3806 | 1-408-421-00 | INDUCTOR 100UH | |
| C3850 | 1-102-114-00 | CERAMIC 470PF 10% | 50V | L3807 | 1-408-424-00 | INDUCTOR 180UH | |
| C3851 | 1-136-159-00 | FILM 0.033MF 5% | 50V | L3808 | 1-408-424-00 | INDUCTOR 180UH | |
| C3852 | 1-124-477-11 | ELECT 47MF 20% | 16V | L3810 | 1-408-409-00 | INDUCTOR 10UH | |
| C3853 | 1-124-907-11 | ELECT 10MF 20% | 50V | L3811 | 1-408-409-00 | INDUCTOR 10UH | |
| C3854 | 1-136-169-00 | FILM 0.22MF 5% | 50V | <CONNECTOR> | | | |
| C3855 | 1-136-161-00 | FILM 0.047MF 5% | 50V | P1 | *1-566-057-11 | PIN, CONNECTOR 5P | |
| C3856 | 1-124-907-11 | ELECT 10MF 20% | 50V | P2 | *1-566-061-11 | PIN, CONNECTOR 9P | |
| C3857 | 1-136-165-00 | FILM 0.1MF 5% | 50V | P3 | *1-566-060-11 | PIN, CONNECTOR 8P | |
| C3858 | 1-124-903-11 | ELECT 1MF 20% | 50V | P4 | *1-564-511-11 | PLUG, CONNECTOR 8P | |
| C3862 | 1-130-475-00 | MYLAR 0.0022MF 5% | 50V | P6 | *1-560-125-00 | PLUG, CONNECTOR (2.5MM PITCH) | |
| C3863 | 1-164-072-11 | CERAMIC 120PF 5% | 50V | P14 | *1-564-511-11 | PLUG, CONNECTOR 8P | |
| C3864 | 1-124-903-11 | ELECT 1MF 20% | 50V | P31 | *1-564-509-11 | PLUG, CONNECTOR 6P | |
| C3865 | 1-164-068-11 | CERAMIC 82PF 5% | 50V | P32 | *1-564-508-11 | PLUG, CONNECTOR 5P | |
| C3866 | 1-124-907-11 | ELECT 10MF 20% | 50V | P63/0 | *1-564-507-11 | PLUG, CONNECTOR 4P | |
| C3867 | 1-124-907-11 | ELECT 10MF 20% | 50V | P63/1 | *1-564-507-11 | PLUG, CONNECTOR 4P | |
| C3872 | 1-124-902-00 | ELECT 0.47MF 20% | 50V | P71 | *1-564-506-11 | PLUG, CONNECTOR 3P | |
| C3873 | 1-136-161-00 | FILM 0.047MF 5% | 50V | P72 | *1-564-513-11 | PLUG, CONNECTOR 10P | |
| C3874 | 1-124-907-11 | ELECT 10MF 20% | 50V | P73 | *1-564-509-11 | PLUG, CONNECTOR 6P | |
| C3875 | 1-101-004-00 | CERAMIC 0.01MF | 50V | <TRANSISTOR> | | | |
| C3876 | 1-164-070-11 | CERAMIC 100PF 5% | 50V | Q3101 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | |
| <NETWORK> | | | | Q3102 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | |
| CP3201 | 1-236-493-11 | NETWORK, RES, THICK FILM | | Q3103 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | |
| CP3202 | 1-236-490-11 | NETWORK, RES, THICK FILM | | Q3201 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | |
| <TRIMMER> | | | | Q3202 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | |
| CV3801 | 1-141-181-11 | CAP. TRIMMER | | Q3203 | 8-729-423-44 | TRANSISTOR 2SA1309A-QRS | |
| <DIODE> | | | | Q3204 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | |
| D3201 | 8-719-110-78 | DIODE RD33ES-B2 | | Q3205 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | |
| D3203 | 8-719-200-02 | DIODE 10E2 | | Q3206 | 8-729-423-44 | TRANSISTOR 2SA1309A-QRS | |
| D3205 | 8-719-119-97 | DIODE RD3.6ES-L1 | | Q3207 | 8-729-423-44 | TRANSISTOR 2SA1309A-QRS | |
| D3207 | 8-719-911-19 | DIODE 1SS119 | | Q3208 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | |
| <DELAY LINE> | | | | Q3209 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | |
| DL3801 | 1-415-240-00 | DELAY LINE | | Q3801 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | |

KV-29XBR85

RM-Y108


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Les composants identifiés par une trame et par une marque Δ sont d'une importance critique pour la sécurité. Ne les remplacer que par des pièces de numéro spécifié.

The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

| REF. NO. | PART NO. | DESCRIPTION | REMARK | REF. NO. | PART NO. | DESCRIPTION | REMARK |
|---|--------------|-------------------------|--------|--|--------------|---------------------|--------|
| Q3802 | 8-729-423-44 | TRANSISTOR 2SA1309A-QRS | | R3211 | 1-249-411-11 | CARBON 330 5% 1/4W | |
| Q3803 | 8-729-423-44 | TRANSISTOR 2SA1309A-QRS | | R3212 | 1-249-409-11 | CARBON 220 5% 1/4W | |
| Q3804 | 8-729-423-44 | TRANSISTOR 2SA1309A-QRS | | R3213 | 1-249-409-11 | CARBON 220 5% 1/4W | |
| Q3805 | 8-729-423-44 | TRANSISTOR 2SA1309A-QRS | | R3214 | 1-249-417-11 | CARBON 1K 5% 1/4W | |
| Q3806 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | | R3215 | 1-249-421-11 | CARBON 2.2K 5% 1/4W | |
| Q3807 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | | R3216 | 1-249-420-11 | CARBON 1.8K 5% 1/4W | |
| Q3808 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | | R3217 1-215-896-00 METAL OXIDE 4.7K 5% 1/4W | | | |
| Q3809 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | | R3218 | 1-249-417-11 | CARBON 1K 5% 1/4W | |
| Q3810 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | | R3219 | 1-249-429-11 | CARBON 10K 5% 1/4W | |
| Q3811 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | | R3220 | 1-249-429-11 | CARBON 10K 5% 1/4W | |
| Q3812 | 8-729-900-89 | TRANSISTOR DTC144ES | | R3221 | 1-249-440-11 | CARBON 82K 5% 1/4W | |
| Q3813 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | | R3222 | 1-247-891-00 | CARBON 330K 5% 1/4W | |
| Q3814 | 8-729-423-44 | TRANSISTOR 2SA1309A-QRS | | R3223 | 1-249-429-11 | CARBON 10K 5% 1/4W | |
| Q3815 | 8-729-423-44 | TRANSISTOR 2SA1309A-QRS | | R3224 | 1-249-417-11 | CARBON 1K 5% 1/4W | |
| Q3816 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | | R3225 | 1-249-417-11 | CARBON 1K 5% 1/4W | |
| Q3817 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | | R3226 | 1-249-417-11 | CARBON 1K 5% 1/4W | |
| Q3818 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | | R3227 | 1-249-409-11 | CARBON 220 5% 1/4W | |
| Q3819 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | | R3228 | 1-249-421-11 | CARBON 2.2K 5% 1/4W | |
| Q3820 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | | R3229 | 1-249-409-11 | CARBON 220 5% 1/4W | |
| Q3821 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | | R3230 | 1-249-409-11 | CARBON 220 5% 1/4W | |
| Q3822 | 8-729-423-44 | TRANSISTOR 2SA1309A-QRS | | R3231 | 1-249-429-11 | CARBON 10K 5% 1/4W | |
| Q3823 | 8-729-423-44 | TRANSISTOR 2SA1309A-QRS | | R3232 | 1-249-421-11 | CARBON 2.2K 5% 1/4W | |
| Q3824 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | | R3233 | 1-249-421-11 | CARBON 2.2K 5% 1/4W | |
| Q3825 | 8-729-423-44 | TRANSISTOR 2SA1309A-QRS | | R3234 | 1-249-421-11 | CARBON 2.2K 5% 1/4W | |
| Q3826 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | | R3235 | 1-249-421-11 | CARBON 2.2K 5% 1/4W | |
| Q3827 | 8-729-600-12 | TRANSISTOR 2SK108-C | | R3236 | 1-249-429-11 | CARBON 10K 5% 1/4W | |
| Q3828 | 8-729-423-44 | TRANSISTOR 2SA1309A-QRS | | R3237 | 1-249-417-11 | CARBON 1K 5% 1/4W | |
| Q3829 | 8-729-423-44 | TRANSISTOR 2SA1309A-QRS | | R3238 | 1-249-429-11 | CARBON 10K 5% 1/4W | |
| <RESISTOR> | | | | R3239 1-215-446-01 METAL OXIDE 10K 5% 1/4W | | | |
| R3101 | 1-249-405-11 | CARBON 100 5% 1/4W | | R3240 1-215-416-01 METAL OXIDE 10K 5% 1/4W | | | |
| R3102 | 1-249-405-11 | CARBON 100 5% 1/4W | | R3241 1-215-447-01 METAL OXIDE 22K 5% 1/4W | | | |
| R3103 | 1-249-405-11 | CARBON 100 5% 1/4W | | R3242 | 1-249-429-11 | CARBON 10K 5% 1/4W | |
| R3104 | 1-249-441-11 | CARBON 100K 5% 1/4W | | R3243 | 1-249-425-11 | CARBON 4.7K 5% 1/4W | |
| R3105 | 1-249-405-11 | CARBON 100 5% 1/4W | | R3244 | 1-249-421-11 | CARBON 2.2K 5% 1/4W | |
| R3106 | 1-249-441-11 | CARBON 100K 5% 1/4W | | R3245 | 1-249-425-11 | CARBON 4.7K 5% 1/4W | |
| R3107 | 1-247-895-00 | CARBON 470K 5% 1/4W | | R3246 | 1-249-433-11 | CARBON 22K 5% 1/4W | |
| R3108 | 1-249-441-11 | CARBON 100K 5% 1/4W | | R3247 | 1-249-414-11 | CARBON 560 5% 1/4W | |
| R3109 | 1-249-425-11 | CARBON 4.7K 5% 1/4W | | R3248 | 1-249-416-11 | CARBON 820 5% 1/4W | |
| R3110 | 1-249-405-11 | CARBON 100 5% 1/4W | | R3249 | 1-249-393-11 | CARBON 10 5% 1/4W | |
| R3111 | 1-249-425-11 | CARBON 4.7K 5% 1/4W | | R3251 | 1-249-417-11 | CARBON 1K 5% 1/4W | |
| R3112 | 1-249-405-11 | CARBON 100 5% 1/4W | | R3253 | 1-249-417-11 | CARBON 1K 5% 1/4W | |
| R3113 | 1-249-405-11 | CARBON 100 5% 1/4W | | R3254 | 1-249-424-11 | CARBON 3.9K 5% 1/4W | |
| R3114 | 1-249-441-11 | CARBON 100K 5% 1/4W | | R3255 | 1-249-421-11 | CARBON 2.2K 5% 1/4W | |
| R3115 | 1-249-425-11 | CARBON 4.7K 5% 1/4W | | R3256 | 1-249-409-11 | CARBON 220 5% 1/4W | |
| R3116 | 1-249-441-11 | CARBON 100K 5% 1/4W | | R3257 | 1-249-409-11 | CARBON 220 5% 1/4W | |
| R3117 | 1-249-441-11 | CARBON 100K 5% 1/4W | | R3258 | 1-249-441-11 | CARBON 100K 5% 1/4W | |
| R3118 | 1-249-441-11 | CARBON 100K 5% 1/4W | | R3260 | 1-249-416-11 | CARBON 820 5% 1/4W | |
| R3119 | 1-247-895-00 | CARBON 470K 5% 1/4W | | R3261 | 1-249-414-11 | CARBON 560 5% 1/4W | |
| R3120 | 1-249-405-11 | CARBON 100 5% 1/4W | | R3262 | 1-249-414-11 | CARBON 560 5% 1/4W | |
| R3121 | 1-249-423-11 | CARBON 3.3K 5% 1/4W | | R3263 | 1-249-419-11 | CARBON 1.5K 5% 1/4W | |
| R3122 | 1-249-432-11 | CARBON 18K 5% 1/4W | | R3264 | 1-249-414-11 | CARBON 560 5% 1/4W | |
| R3123 | 1-249-405-11 | CARBON 100 5% 1/4W | | R3265 | 1-249-418-11 | CARBON 1.2K 5% 1/4W | |
| R3124 | 1-249-405-11 | CARBON 100 5% 1/4W | | R3266 | 1-249-419-11 | CARBON 1.5K 5% 1/4W | |
| R3200 | 1-249-416-11 | CARBON 820 5% 1/4W | | R3267 | 1-249-409-11 | CARBON 220 5% 1/4W | |
| R3201 | 1-249-417-11 | CARBON 1K 5% 1/4W | | R3268 | 1-249-411-11 | CARBON 330 5% 1/4W | |
| R3202 1-215-884-01 METAL OXIDE 22K 5% 1/4W | | | | R3269 | 1-247-901-11 | CARBON 820K 5% 1/4W | |
| R3203 1-249-426-11 CARBON 5.6K 5% 1/4W | | | | R3270 | 1-249-405-11 | CARBON 100 5% 1/4W | |
| R3204 1-215-884-01 METAL OXIDE 47K 5% 1/4W | | | | R3271 | 1-249-417-11 | CARBON 1K 5% 1/4W | |
| R3206 | 1-215-458-00 | METAL 36K 1% 1/4W | | R3272 | 1-249-421-11 | CARBON 2.2K 5% 1/4W | |
| R3207 | 1-249-433-11 | CARBON 22K 5% 1/4W | | R3273 | 1-249-417-11 | CARBON 1K 5% 1/4W | |
| R3208 | 1-249-433-11 | CARBON 22K 5% 1/4W | | R3274 | 1-249-405-11 | CARBON 100 5% 1/4W | |
| R3209 | 1-249-419-11 | CARBON 1.5K 5% 1/4W | | R3275 | 1-249-417-11 | CARBON 1K 5% 1/4W | |
| | | | | R3276 | 1-249-417-11 | CARBON 1K 5% 1/4W | |

Replace only with part number specified.

Les composants identifiés par une trame et par une marque  sont d'une importance critique pour la sécurité. Ne les remplacer que par des pièces de numéro spécifié.

P

F1

| REF.NO. | PART NO. | DESCRIPTION | REMARK | | |
|------------------------|--------------|-----------------------|----------|-----|------|
| R3850 | 1-249-424-11 | CARBON | 3.9K | 5% | 1/4W |
| R3851 | 1-249-418-11 | CARBON | 1.2K | 5% | 1/4W |
| R3852 | 1-249-416-11 | CARBON | 820 | 5% | 1/4W |
| R3853 | 1-249-420-11 | CARBON | 1.8K | 5% | 1/4W |
| R3854 | 1-249-422-11 | CARBON | 2.7K | 5% | 1/4W |
| R3855 | 1-249-424-11 | CARBON | 3.9K | 5% | 1/4W |
| R3856 | 1-249-419-11 | CARBON | 1.5K | 5% | 1/4W |
| R3857 | 1-249-423-11 | CARBON | 3.3K | 5% | 1/4W |
| R3858 | 1-249-424-11 | CARBON | 3.9K | 5% | 1/4W |
| R3859 | 1-249-424-11 | CARBON | 3.9K | 5% | 1/4W |
| R3860 | 1-249-422-11 | CARBON | 2.7K | 5% | 1/4W |
| R3861 | 1-249-422-11 | CARBON | 2.7K | 5% | 1/4W |
| R3862 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R3863 | 1-249-418-11 | CARBON | 1.2K | 5% | 1/4W |
| R3864 | 1-249-427-11 | CARBON | 6.8K | 5% | 1/4W |
| R3865 | 1-249-436-11 | CARBON | 39K | 5% | 1/4W |
| R3866 | 1-249-422-11 | CARBON | 2.7K | 5% | 1/4W |
| R3872 | 1-249-435-11 | CARBON | 33K | 5% | 1/4W |
| R3873 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W |
| R3874 | 1-249-424-11 | CARBON | 3.9K | 5% | 1/4W |
| R3875 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W |
| R3876 | 1-249-439-11 | CARBON | 68K | 5% | 1/4W |
| R3877 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R3878 | 1-249-433-11 | CARBON | 22K | 5% | 1/4W |
| R3891 | 1-247-889-00 | CARBON | 270K | 5% | 1/4W |
| R3894 | 1-249-409-11 | CARBON | 220 | 5% | 1/4W |
| R3895 | 1-249-409-11 | CARBON | 220 | 5% | 1/4W |
| R3896 | 1-249-425-11 | CARBON | 4.7K | 5% | 1/4W |
| <VARIABLE RESISTOR> | | | | | |
| RV3101 | 1-238-016-11 | RES. ADJ. CARBON 10K | | | |
| RV3801 | 1-238-015-11 | RES. ADJ. CARBON 4.7K | | | |
| RV3802 | 1-228-995-00 | RES. ADJ. CARBON 22K | | | |
| RV3804 | 1-238-017-11 | RES. ADJ. CARBON 22K | | | |
| RV3805 | 1-228-989-00 | RES. ADJ. CARBON 470 | | | |
| RV3806 | 1-228-989-00 | RES. ADJ. CARBON 470 | | | |
| <TUNER> | | | | | |
| TU3201A1 | 463-771-11 | TUNER ET (RTP-201A) | | | |
| <CRYSTAL> | | | | | |
| X3201 | 1-567-192-11 | OSCILLATOR, CERAMIC | 4MHz | | |
| X3801 | 1-567-505-11 | OSCILLATOR, CRYSTAL | 3.58MHz | | |
| ***** | | | | | |
| *1-638-668-11 F1 BOARD | | | | | |
| ***** | | | | | |
| <CAPACITOR> | | | | | |
| C2601 | 1-136-165-00 | FILM | 0.1MF | 5% | 50V |
| C2602 | 1-102-125-91 | CERAMIC | 0.0047MF | 10% | 50V |
| C2603 | 1-102-125-91 | CERAMIC | 0.0047MF | 10% | 50V |
| C2604 | 1-124-480-11 | ELECT | 470MF | 20% | 25V |
| C2605 | 1-124-480-11 | ELECT | 470MF | 20% | 25V |
| C2606 | 1-124-478-11 | ELECT | 100MF | 20% | 25V |
| C2608 | 1-101-005-00 | CERAMIC | 0.022MF | | 50V |
| C2609 | 1-136-165-00 | FILM | 0.1MF | 5% | 50V |
| C2610 | 1-101-005-00 | CERAMIC | 0.022MF | | 50V |
| C2611 | 1-101-006-00 | CERAMIC | 0.047MF | | 50V |

KV-29XBR85

RM-Y108

F1

F2

F

Les composants identifiés par une trame et par une marque Δ sont d'une importance critique pour la sécurité. Ne les remplacer que par des pièces de numéro spécifié.

The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

| REF. NO. | PART NO. | DESCRIPTION | REMARK | REF. NO. | PART NO. | DESCRIPTION | REMARK |
|---------------|-----------------------|-------------------------------|----------------|---------------|---------------------------|-------------------------------|--------|
| C2612 | 1-102-129-00 | CERAMIC | 0.01MF 10% 50V | F2-7 | *1-580-843-11 | PIN, CONNECTOR (POWER) | |
| C2613 | 1-124-477-11 | ELECT | 47MF 20% 16V | | | | |
| <DIODE> | | | | <TRANSISTOR> | | | |
| D2601 | 8-719-911-19 | DIODE 1SS119 | | Q2651 | 8-729-140-96 | TRANSISTOR 2SD774-34 | |
| D2602 | Δ 8-719-521-10 | DIODE S1VB10-S | | | | | |
| <CONNECTOR> | | | | <RESISTOR> | | | |
| F1-3 | *1-560-123-00 | PLUG, CONNECTOR (2.5MM PITCH) | | R2651 | 1-249-417-11 | CARBON 1K 5% 1/4W | |
| F1-62 | *1-564-508-11 | PLUG, CONNECTOR 5P | | R2652 | 1-249-433-11 | CARBON 22K 5% 1/4W | |
| F1-64 | *1-564-511-11 | PLUG, CONNECTOR 8P | | | | | |
| F1-77 | *1-560-125-00 | PLUG, CONNECTOR (2.5MM) 5P | | <RELAY> | | | |
| <IC> | | | | RL2651 | Δ 1-515-626-11 | RELAY | |
| IC2601 | 8-759-112-06 | IC UPC78N05H | | <TRANSFORMER> | | | |
| <TRANSISTOR> | | | | T2651 | Δ 1-424-220-11 | TRANSFORMER, LINE FILTER | |
| Q2601 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | | <THERMISTOR> | | | |
| Q2602 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | | THP265 | Δ 1-808-081-23 | THERMISTOR, POSITIVE | |
| <RESISTOR> | | | | ***** | | | |
| R2601 | 1-249-440-11 | CARBON 82K 5% 1/4W | | *A-1245-526-A | F BOARD, COMPLETE | | |
| R2602 | 1-215-882-00 | METAL OXIDE 22 5% 2W | F | | ***** | | |
| R2603 | 1-216-425-11 | METAL OXIDE 56 5% 1W | F | 1-533-190-11 | FUSE CLIP | | |
| R2604 | 1-249-443-11 | CARBON 0.47 5% 1/4W | F | *1-533-189-11 | HOLDER, FUSE | | |
| R2605 | 1-249-429-11 | CARBON 10K 5% 1/4W | | *1-565-514-11 | SOCKET, CONNECTOR 2P | | |
| R2606 | 1-249-423-11 | CARBON 3.3K 5% 1/4W | | *4-341-751-01 | EYELET (EY8-EY27) | | |
| R2607 | 1-249-434-11 | CARBON 27K 5% 1/4W | | *4-341-752-01 | EYELET (EY1-EY7, EY28-38) | | |
| R2608 | 1-249-441-11 | CARBON 100K 5% 1/4W | | <CAPCITOR> | | | |
| R2609 | 1-249-435-11 | CARBON 33K 5% 1/4W | | C601 | Δ 1-136-311-51 | FILM 0.47MF 20% 125V | |
| R2610 | 1-249-429-11 | CARBON 10K 5% 1/4W | | C603 | 1-106-224-00 | MYLAR 0.15MF 10% 100V | |
| ***** | | | | C604 | 1-101-821-00 | CERAMIC 0.0022MF 500V | |
| *1-638-756-11 | F2 BOARD | | | C605 | Δ 1-162-576-51 | CERAMIC 0.001MF 10% 400V | |
| | ***** | | | C606 | Δ 1-161-953-52 | CERAMIC 0.0047MF 20% 400V | |
| *1-533-189-11 | HOLDER, FUSE | | | C607 | 1-162-599-12 | CERAMIC 0.0047MF 20% 400V | |
| <CAPACITOR> | | | | C610 | 1-124-477-11 | ELECT 47MF 20% 16V | |
| C2651 | 1-124-477-11 | ELECT 47MF 20% 16V | | C611 | 1-124-122-11 | ELECT 100MF 20% 25V | |
| C2653 | Δ 1-136-311-11 | FILM 0.47MF 20% 125V | | C613 | 1-124-122-11 | ELECT 100MF 20% 25V | |
| C2654 | 1-136-346-11 | FILM 0.22MF 20% 125V | | C616 | Δ 1-136-311-51 | FILM 0.47MF 20% 125V | |
| <DIODE> | | | | C617 | 1-101-821-00 | CERAMIC 0.0022MF 500V | |
| D2651 | 8-719-911-55 | DIODE U05G | | C618 | 1-124-477-11 | ELECT 47MF 20% 16V | |
| <FUSE> | | | | C622 | 1-125-538-11 | ELECT (BLOCK) 1000MF 20% 200V | |
| F2651 | Δ 1-532-748-11 | FUSE, GLASS TUBE 6.3A/125V | | C650 | 1-161-830-00 | CERAMIC 0.0047MF 500V | |
| <CONNECTOR> | | | | C651 | 1-124-799-11 | ELECT 2.2MF 20% 160V | |
| F2-2 | *1-508-765-00 | PIN, CONNECTOR (5MM PITCH) 3P | | C652 | Δ 1-124-122-91 | ELECT 100MF 20% 50V | |
| F2-3 | *1-560-123-00 | PLUG, CONNECTOR (2.5MM PITCH) | | C653 | 1-102-244-00 | CERAMIC 220PF 10% 500V | |
| F2-4 | *1-508-765-00 | PIN, CONNECTOR (5MM PITCH) 3P | | C654 | 1-124-126-00 | ELECT 47MF 20% 25V | |
| F2-5 | 1-506-348-99 | PIN, CONNECTOR 3P | | C655 | 1-136-173-00 | FILM 0.47MF 5% 50V | |
| F2-6 | *1-580-843-11 | PIN, CONNECTOR (POWER) | | C656 | 1-106-383-00 | MYLAR 0.047MF 10% 100V | |
| | | | | C657 | 1-136-601-11 | FILM 0.01MF 10% 630V | |
| | | | | C658 | 1-162-114-00 | CERAMIC 0.0047MF 20% 2KV | |
| | | | | C660 | 1-162-599-12 | CERAMIC 0.0047MF 20% 400V | |
| | | | | C661 | 1-102-125-00 | CERAMIC 0.0047MF 10% 50V | |
| | | | | C663 | 1-124-618-11 | ELECT 2200MF 20% 35V | |
| | | | | C664 | 1-126-588-11 | ELECT 1000MF 20% 16V | |
| | | | | C665 | 1-124-602-00 | ELECT 2200MF 20% 25V | |
| | | | | C666 | 1-125-564-11 | ELECT (BLOCK) 1000MF 20% 160V | |
| | | | | C667 | 1-102-129-00 | CERAMIC 0.01MF 10% 50V | |

F

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| REF.NO. | PART NO. | DESCRIPTION | REMARK | REF.NO. | PART NO. | DESCRIPTION | REMARK |
|-------------|-------------------------|---------------------------------------|----------------|--------------|-------------------------|-----------------------------------|--------|
| C668 | 1-162-116-00 | CERAMIC | 680PF 10% 2KV | <TRANSISTOR> | | | |
| C672 | 1-124-122-11 | ELECT | 100MF 20% 25V | Q602 | 8-729-140-96 | TRANSISTOR 2SD774-34 | |
| C673 | 1-102-129-00 | CERAMIC | 0.01MF 10% 50V | Q603 | 8-729-200-17 | TRANSISTOR 2SA1091-0 | |
| C674 | 1-124-126-00 | ELECT | 47MF 20% 16V | Q604 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | |
| <DIODE> | | | | Q651 | 8-729-177-43 | TRANSISTOR 2SD774-34 | |
| D601 | 8-719-305-07 | DIODE RBV-106H | | Q652 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | |
| D602 | 8-719-911-55 | DIODE U05G | | Q653 | 8-729-423-44 | TRANSISTOR 2SA1309A-QRS | |
| D603 | 8-719-911-55 | DIODE U05G | | Q654 | 8-729-423-44 | TRANSISTOR 2SA1309A-QRS | |
| D604 | 8-719-911-19 | DIODE 1SS119 | | <RESISTOR> | | | |
| D605 | 8-719-911-55 | DIODE U05G | | R601 | 1-202-723-51 | SOLID 2.2M 10% 1/2W | |
| D607 | 8-719-911-19 | DIODE 1SS119 | | R602 | 1-205-885-21 | WIREWOUND 1.5 5% 2W | |
| D651 | 8-719-911-19 | DIODE 1SS119 | | R603 | 1-215-885-00 | METAL OXIDE 68 5% 2W | F |
| D652 | 8-719-300-33 | DIODE RU-3AM | | R605 | 1-202-723-51 | SOLID 2.2M 10% 1/2W | |
| D653 | 8-719-311-31 | DIODE RU-1P | | R606 | 1-215-885-00 | METAL OXIDE 68 5% 2W | F |
| D657 | 8-719-500-67 | DIODE D5KC40H | | R607 | 1-249-426-11 | CARBON 5.6K 5% 1/4W | |
| D658 | 8-719-301-45 | DIODE RK14 | | R608 | 1-247-887-00 | CARBON 220K 5% 1/4W | |
| D659 | 8-719-500-41 | DIODE D8LCA20 | | R609 | 1-249-421-11 | CARBON 2.2K 5% 1/4W | |
| D660 | 8-719-301-64 | DIODE RU4DS | | R610 | 1-249-417-11 | CARBON 1K 5% 1/4W | |
| <CONNECTOR> | | | | R611 | 1-207-645-00 | WIREWOUND 0.47 10% 3W | F |
| F1 | *1-580-843-11 | PIN, CONNECTOR (POWER) | | R612 | 1-249-417-11 | CARBON 1K 5% 1/4W | F |
| F2 | *1-508-765-00 | PIN, CONNECTOR (5MM PITCH) 3P | | R613 | 1-249-441-11 | CARBON 100K 5% 1/4W | |
| F4 | *1-559-991-21 | CONNECTOR ASSY 1P | | R614 | 1-249-429-11 | CARBON 10K 5% 1/4W | |
| F5 | *1-560-290-00 | PLUG, CONNECTOR (2.5MM PITCH) | | R615 | 1-247-895-00 | CARBON 470K 5% 1/4W | |
| F5A | *1-508-784-00 | PIN, CONNECTOR (5MM PITCH) 1P | | R616 | 1-249-417-11 | CARBON 1K 5% 1/4W | |
| F5B | *1-508-784-00 | PIN, CONNECTOR (5MM PITCH) 1P | | R617 | 1-249-414-11 | CARBON 560 5% 1/4W | |
| F5C | *1-508-784-00 | PIN, CONNECTOR (5MM PITCH) 1P | | R619 | 1-216-341-51 | METAL OXIDE 0.22 5% 1W | F |
| F6 | *1-564-506-11 | PLUG, CONNECTOR 3P | | R620 | 1-216-444-11 | METAL OXIDE 82K 5% 1W | F |
| F61 | *1-508-768-00 | PIN, CONNECTOR (5MM PITCH) 6P | | R621 | 1-249-429-11 | CARBON 10K 5% 1/4W | |
| F62 | *1-564-508-11 | PLUG, CONNECTOR 5P | | R622 | 1-249-423-11 | CARBON 3.3K 5% 1/4W | |
| F64 | *1-508-765-00 | PIN, CONNECTOR (5MM PITCH) 3P | | R623 | 1-216-457-00 | METAL OXIDE 1.2K 5% 2W | F |
| F66 | *1-568-378-21 | PIN, CONNECTOR 3P | | R624 | 1-216-458-11 | METAL OXIDE 1.8K 5% 2W | F |
| F83 | *1-564-505-11 | PLUG, CONNECTOR 2P | | R651 | 1-207-612-00 | WIREWOUND 0.1 10% 2W | F |
| <FUSE> | | | | R652 | 1-207-612-00 | WIREWOUND 0.1 10% 2W | F |
| F601 | 1-532-748-11 | FUSE, GLASS TUBE 6.3A/125V | | R653 | 1-215-893-11 | METAL OXIDE 1.5K 5% 2W | F |
| <COIL> | | | | R654 | 1-205-945-11 | WIREWOUND 33 10% 7W | F |
| FB655 | 1-410-397-21 | FERRITE BEAD INDUCTOR | | R655 | 1-202-843-11 | SOLID 270K 10% 1/2W | F |
| FB658 | 1-410-396-41 | FERRITE BEAD INDUCTOR | | R660 | 1-249-414-51 | CARBON 560 5% 1/4W | F |
| FB659 | 1-410-397-21 | FERRITE BEAD INDUCTOR | | R661 | 1-249-413-11 | CARBON 470 5% 1/4W | |
| FB660 | 1-410-396-41 | FERRITE BEAD INDUCTOR | | R662 | 1-249-467-11 | CARBON 68K 5% 1/4W | F |
| FB662 | 1-410-397-21 | FERRITE BEAD INDUCTOR | | R663 | 1-247-706-91 | CARBON 330 5% 1/4W | F |
| FB663 | 1-410-397-21 | FERRITE BEAD INDUCTOR | | R664 | 1-249-425-11 | CARBON 4.7K 5% 1/4W | |
| FB664 | 1-410-397-21 | FERRITE BEAD INDUCTOR | | R665 | 1-249-417-11 | CARBON 1K 5% 1/4W | |
| L601 | 1-459-104-00 | COIL, DUST CORE | | R666 | 1-249-425-11 | CARBON 4.7K 5% 1/4W | |
| L657 | 1-459-155-00 | COIL (WITH CORE) 45UH | | R667 | 1-249-417-11 | CARBON 1K 5% 1/4W | |
| L658 | 1-459-155-00 | COIL (WITH CORE) 45UH | | R668 | 1-249-429-11 | CARBON 10K 5% 1/4W | |
| L659 | 1-459-407-00 | COIL, FERRITE CHOKE | | R669 | 1-249-417-11 | CARBON 1K 5% 1/4W | |
| <IC> | | | | R670 | 1-249-427-11 | CARBON 6.8K 5% 1/4W | F |
| IC651 | 8-749-920-81 | IC STR-S6301A | | R671 | 1-202-730-00 | SOLID 8.2M 10% 1/2W | |
| | *4-363-404-00 | HOLDER, IC: IC651 | | R672 | 1-249-455-11 | CARBON 4.7 5% 1/4W | F |
| | *4-393-406-01 | SHEET (R), RADIATION | | R675 | 1-215-881-11 | METAL OXIDE 15 5% 2W | F |
| IC652 | 8-719-156-73 | DIODE PS2501-1LB | | R676 | 1-216-446-00 | METAL OXIDE 18 5% 2W | F |
| IC653 | 8-749-920-62 | IC SE-135NS | | R690 | 1-205-945-11 | WIREWOUND 33 10% 7W | F |
| | | | | R691 | 1-216-468-11 | METAL OXIDE 82K 5% 2W | F |
| | | | | R692 | 1-216-468-11 | METAL OXIDE 82K 5% 2W | F |
| IC654 | 8-749-920-61 | IC SE-135N | | R693 | 1-216-468-11 | METAL OXIDE 82K 5% 2W | F |
| | | | | R694 | 1-216-468-11 | METAL OXIDE 82K 5% 2W | F |
| | | | | R695 | 1-216-468-11 | METAL OXIDE 82K 5% 2W | F |
| | | | | R696 | 1-207-682-00 | WIREWOUND 47 10% 5W | F |



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Replace only with part number specified.

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| REF.NO. | PART NO. | DESCRIPTION | REMARK | REF.NO. | PART NO. | DESCRIPTION | REMARK |
|--|----------------|-------------------------------|------------------|---------|----------------|-------------|------------------|
| <RELAY> | | | | | | | |
| RY601 | Δ 1-515-684-22 | RELAY | | C125 | 1-124-925-11 | ELECT | 2.2MF 20% 50V |
| <TRANSFORMER> | | | | C126 | 1-102-121-00 | CERAMIC | 0.0022MF 10% 50V |
| T601 | Δ 1-424-206-21 | TRANSFORMER, LINE FILTER | | C129 | 1-136-173-00 | FILM | 0.47MF 5% 50V |
| T602 | Δ 1-424-206-21 | TRANSFORMER, LINE FILTER | | C199 | 1-124-477-11 | ELECT | 47MF 20% 16V |
| T603 | Δ 1-448-916-11 | TRANSFORMER, POWER | | C201 | 1-124-478-11 | ELECT | 100MF 20% 25V |
| T651 | Δ 1-449-609-11 | TRANSFORMER | | C202 | 1-102-121-00 | CERAMIC | 0.0022MF 10% 50V |
| ***** | | | | C203 | 1-102-121-00 | CERAMIC | 0.0022MF 10% 50V |
| *A-1296-855-A A BOARD, COMPLETE | | | | C301 | 1-126-103-11 | ELECT | 470MF 20% 16V |
| ***** | | | | C302 | 1-124-234-00 | ELECT | 22MF 20% 16V |
| *4-341-751-01 EYELET (EY6-EY17, EY19, EY30-EY32) | | | | C303 | 1-136-153-00 | FILM | 0.01MF 5% 50V |
| *4-341-752-01 EYELET (EY1-EY5, EY20-EY29) | | | | C304 | 1-124-903-11 | ELECT | 1MF 20% 50V |
| <CONNECTOR> | | | | C305 | 1-124-902-00 | ELECT | 0.47MF 20% 50V |
| A10 | *1-560-124-00 | PLUG, CONNECTOR (2.5MM PITCH) | | C306 | 1-124-234-00 | ELECT | 22MF 20% 16V |
| A11 | *1-564-513-11 | PLUG, CONNECTOR 10P | | C307 | 1-102-978-00 | CERAMIC | 220PF 5% 50V |
| A12 | *1-564-512-11 | PLUG, CONNECTOR 9P | | C308 | 1-164-033-11 | CERAMIC | 39PF 5% 50V |
| A13 | *1-565-509-11 | CONNECTOR, BOARD TO BOARD 18P | | C309 | 1-136-165-00 | FILM | 0.1MF 5% 50V |
| A14 | *1-564-511-11 | PLUG, CONNECTOR 8P | | C310 | 1-136-165-00 | FILM | 0.1MF 5% 50V |
| A24 | *1-568-371-11 | PIN, CONNECTOR (PC BOARD) 15P | | C311 | 1-136-165-00 | FILM | 0.1MF 5% 50V |
| A25 | *1-565-509-11 | CONNECTOR, BOARD TO BOARD 18P | | C312 | 1-136-169-00 | FILM | 0.22MF 5% 50V |
| A26 | *1-568-371-11 | PIN, CONNECTOR (PC BOARD) 15P | | C313 | 1-124-903-11 | ELECT | 1MF 20% 50V |
| A31 | *1-564-509-11 | PLUG, CONNECTOR 6P | | C315 | 1-136-158-00 | FILM | 0.027MF 5% 50V |
| A32 | *1-564-508-11 | PLUG, CONNECTOR 5P | | C316 | 1-164-070-11 | CERAMIC | 100PF 5% 50V |
| A33 | *1-564-511-11 | PLUG, CONNECTOR 8P | | C317 | 1-136-169-00 | FILM | 0.22MF 5% 50V |
| A41 | *1-508-784-00 | PIN, CONNECTOR (5MM PITCH) 1P | | C318 | 1-136-169-00 | FILM | 0.22MF 5% 50V |
| A42 | *1-564-505-11 | PLUG, CONNECTOR 2P | | C319 | 1-102-980-00 | CERAMIC | 270PF 5% 50V |
| A43 | *1-560-290-00 | PLUG, CONNECTOR (2.5MM PITCH) | | C320 | 1-124-499-11 | ELECT | 1MF 20% 50V |
| A61 | *1-508-768-00 | PIN, CONNECTOR (5MM PITCH) 6P | | C321 | 1-136-153-00 | FILM | 0.01MF 5% 50V |
| A63 | *1-564-507-11 | PLUG, CONNECTOR 4P | | C322 | 1-124-903-11 | ELECT | 1MF 20% 50V |
| A64 | *1-564-511-11 | PLUG, CONNECTOR 8P | | C324 | 1-102-114-00 | CERAMIC | 470PF 10% 50V |
| A81 | *1-568-536-11 | PLUG (MINIATURE DY) 6P | | C325 | 1-102-114-00 | CERAMIC | 470PF 10% 50V |
| A82 | *1-508-768-00 | PIN, CONNECTOR (5MM PITCH) 6P | | C326 | 1-124-903-11 | ELECT | 1MF 20% 50V |
| A83 | *1-564-505-11 | PLUG, CONNECTOR 2P | | C327 | 1-130-479-00 | MYLAR | 0.0047MF 5% 50V |
| A84 | *1-564-508-11 | PLUG, CONNECTOR 5P | | C328 | 1-124-907-11 | ELECT | 10MF 20% 50V |
| A85 | *1-560-290-00 | PLUG, CONNECTOR (2.5MM PITCH) | | C329 | 1-124-799-11 | ELECT | 2.2MF 20% 160V |
| <CAPACITOR> | | | | C330 | 1-119-507-11 | ELECT | 220MF 16V |
| C101 | 1-124-261-00 | ELECT | 10MF 20% 50V | C331 | 1-102-112-00 | CERAMIC | 330PF 10% 50V |
| C102 | 1-126-233-11 | ELECT | 22MF 20% 25V | C332 | 1-136-165-00 | FILM | 0.1MF 5% 50V |
| C103 | 1-124-360-00 | ELECT | 1000MF 20% 16V | C333 | 1-124-903-11 | ELECT | 1MF 20% 50V |
| C104 | 1-124-473-11 | ELECT | 1000MF 20% 10V | C334 | 1-136-161-00 | FILM | 0.047MF 5% 50V |
| C106 | 1-136-153-00 | FILM | 0.01MF 5% 50V | C335 | 1-130-471-00 | MYLAR | 0.001MF 5% 50V |
| C107 | 1-119-160-00 | ELECT | 470MF 10V | C336 | 1-130-471-00 | MYLAR | 0.001MF 5% 50V |
| C108 | 1-124-907-11 | ELECT | 10MF 20% 50V | C338 | 1-124-927-11 | ELECT | 4.7MF 20% 50V |
| C109 | 1-164-070-11 | CERAMIC | 100PF 5% 50V | C339 | 1-124-907-11 | ELECT | 10MF 20% 50V |
| C111 | 1-102-978-00 | CERAMIC | 220PF 5% 50V | C342 | 1-161-377-00 | CERAMIC | 0.0047MF 30% 50V |
| C112 | 1-136-161-00 | FILM | 0.047MF 5% 50V | C344 | 1-126-176-11 | ELECT | 220MF 20% 10V |
| C113 | 1-124-903-11 | ELECT | 1MF 20% 50V | C351 | 1-136-169-00 | FILM | 0.22MF 5% 50V |
| C114 | 1-102-978-00 | CERAMIC | 220PF 5% 50V | C352 | 1-136-165-00 | FILM | 0.1MF 5% 50V |
| C115 | 1-102-978-00 | CERAMIC | 220PF 5% 50V | C353 | 1-124-902-00 | ELECT | 0.47MF 20% 50V |
| C116 | 1-164-070-11 | CERAMIC | 100PF 5% 50V | C500 | 1-130-475-00 | MYLAR | 0.0022MF 5% 50V |
| C117 | 1-164-054-11 | CERAMIC | 22PF 5% 50V | C501 | 1-124-122-11 | ELECT | 100MF 20% 50V |
| C118 | 1-102-121-00 | CERAMIC | 0.0022MF 10% 50V | C502 | Δ 1-124-557-95 | ELECT | 1000MF 20% 25V |
| C119 | 1-124-907-11 | ELECT | 10MF 20% 50V | C503 | 1-124-126-00 | ELECT | 47MF 20% 25V |
| C120 | 1-124-360-00 | ELECT | 1000MF 20% 16V | C504 | 1-106-216-00 | MYLAR | 0.068MF 10% 100V |
| C121 | 1-136-165-00 | FILM | 0.1MF 5% 50V | C505 | 1-106-383-00 | MYLAR | 0.047MF 10% 100V |
| C124 | 1-130-728-00 | FILM | 0.0022MF 5% 50V | C506 | 1-106-385-00 | MYLAR | 0.056MF 10% 100V |
| | | | | C507 | 1-106-220-00 | MYLAR | 0.1MF 10% 100V |
| | | | | C508 | 1-136-161-00 | FILM | 0.047MF 5% 50V |
| | | | | C509 | 1-106-387-00 | MYLAR | 0.068MF 10% 200V |
| | | | | C510 | 1-102-228-00 | CERAMIC | 470PF 10% 500V |
| | | | | C511 | 1-123-024-21 | ELECT | 33MF 160V |
| | | | | C512 | 1-124-046-00 | ELECT | 10MF 20% 160V |
| | | | | C513 | 1-124-477-11 | ELECT | 47MF 20% 25V |
| | | | | C514 | 1-124-557-11 | ELECT | 1000MF 20% 25V |

A

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| REF.NO. | PART NO. | DESCRIPTION | REMARK | REF.NO. | PART NO. | DESCRIPTION | REMARK | |
|-----------------------------|-----------------------------|---------------------------|---------------------|---------------|------------------|---------------|-------------------------|-------------------------|
| C515 | 1-162-114-00 | CERAMIC | 0.0047MF | 2KV | D102 | 8-719-911-19 | DIODE 1SS119 | |
| C516 | 1-162-116-00 | CERAMIC | 680PF | 10% | 2KV | D103 | 8-719-911-19 | DIODE 1SS119 |
| C517 | 1-162-116-00 | CERAMIC | 680PF | 10% | 2KV | D104 | 8-719-987-06 | DIODE WG713A |
| C518 | 1-106-359-00 | MYLAR | 0.0047MF | 10% | 200V | D105 | 8-719-974-81 | DIODE 1SV113 |
| C519 | 1-136-732-11 | FILM | 0.0021MF | 3% | 1.4KV | | | |
| C521 | 1-162-115-00 | CERAMIC | 330PF | 10% | 2KV | D112 | 8-719-911-19 | DIODE 1SS119 |
| C522 | 1-136-316-51 | FILM | 0.056MF | 5% | 630V | D113 | 8-719-911-19 | DIODE 1SS119 |
| C523 | 1-102-244-00 | CERAMIC | 220PF | 10% | 500V | D114 | 8-719-911-19 | DIODE 1SS119 |
| C524 | 1-106-383-00 | MYLAR | 0.047MF | 20% | 200V | D301 | 8-719-110-48 | DIODE RD18ES-B1 |
| C525 | 1-124-902-00 | ELECT | 0.47MF | 20% | 50V | D302 | 8-719-109-89 | DIODE RD5.6ES-B2 |
| C526 | 1-102-244-00 | CERAMIC | 220PF | 10% | 500V | D303 | 8-719-109-84 | DIODE RD5.1ES-B1 |
| C527 | 1-162-318-11 | CERAMIC | 0.001MF | 10% | 500V | D304 | 8-719-109-96 | DIODE RD6.8ES-B1 |
| C528 | 1-102-030-00 | CERAMIC | 330PF | 10% | 500V | D305 | 8-719-109-93 | DIODE RD6.2ES-B2 |
| C529 | 1-136-110-00 | FILM | 0.91MF | 5% | 200V | D307 | 8-719-911-19 | DIODE 1SS119 |
| C530 | 1-123-947-00 | ELECT | 10MF | 20% | 250V | D308 | 8-719-911-19 | DIODE 1SS119 |
| C531 | 1-130-475-00 | MYLAR | 0.0022MF | 5% | 50V | D310 | 8-719-911-19 | DIODE 1SS119 |
| C532 | 1-130-475-00 | MYLAR | 0.0022MF | 5% | 50V | D311 | 8-719-110-48 | DIODE RD18ES-B1 |
| C533 | 1-130-471-00 | MYLAR | 0.001MF | 5% | 50V | D350 | 8-719-109-89 | DIODE RD5.6ES-B2 |
| C534 | 1-124-477-11 | ELECT | 47MF | 20% | 25V | D500 | 8-719-911-55 | DIODE U05G |
| C535 | 1-123-948-00 | ELECT | 22MF | 20% | 250V | D501 | 8-719-300-33 | DIODE RU-3AM |
| C543 | 1-136-569-11 | FILM | 1.2MF | 5% | 200V | D502 | 8-719-902-85 | DIODE RG3G-5007L |
| C544 | 1-106-343-00 | MYLAR | 0.001MF | 10% | 100V | D503 | 8-719-979-85 | DIODE EGP20G |
| C545 | 1-124-910-11 | ELECT | 47MF | 20% | 50V | D504 | 8-719-500-26 | DIODE D5KD20H |
| C546 | 1-102-228-00 | CERAMIC | 470PF | 10% | 500V | D505 | 8-719-976-64 | DIODE RGP02-17 |
| C547 | 1-161-754-00 | CERAMIC | 0.001MF | 10% | 3KV | D506 | 8-719-911-19 | DIODE 1SS119 |
| C548 | 1-126-163-11 | ELECT | 4.7MF | 20% | 50V | D507 | 8-719-300-33 | DIODE RU-3AM |
| C549 | 1-126-176-11 | ELECT | 220MF | 20% | 10V | D508 | 8-719-911-19 | DIODE 1SS119 |
| C550 | 1-136-540-11 | FILM | 0.82MF | 5% | 200V | D509 | 8-719-911-19 | DIODE 1SS119 |
| C551 | 1-124-927-11 | ELECT | 4.7MF | 20% | 50V | D510 | 8-719-109-89 | DIODE RD5.6ES-B2 |
| C552 | 1-102-228-00 | CERAMIC | 470PF | 10% | 500V | D511 | 8-719-902-85 | DIODE RG3G-5007L |
| C553 | 1-124-907-11 | ELECT | 10MF | 20% | 50V | D512 | 8-719-311-87 | DIODE FMS-3FU |
| C554 | 1-164-075-11 | CERAMIC | 150PF | 10% | 50V | *4-393-401-01 | SPRING; D512 | |
| C555 | 1-136-161-00 | FILM | 0.047MF | 5% | 50V | D513 | 8-719-911-19 | DIODE 1SS119 |
| C556 | 1-123-932-00 | ELECT | 4.7MF | 20% | 160V | D514 | 8-719-911-19 | DIODE 1SS119 |
| C557 | 1-102-114-00 | CERAMIC | 470PF | 10% | 50V | D515 | 8-719-911-19 | DIODE 1SS119 |
| C558 | 1-136-161-00 | FILM | 0.047MF | 5% | 50V | D517 | 8-719-110-72 | DIODE RD30ES-B1 |
| C559 | 1-136-165-00 | FILM | 0.1MF | 5% | 50V | D531 | 8-719-911-19 | DIODE 1SS119 |
| C581 | 1-124-478-11 | ELECT | 100MF | 20% | 25V | D533 | 8-719-109-81 | DIODE RD4.7ES-B2 |
| C582 | 1-124-478-11 | ELECT | 100MF | 20% | 25V | D539 | 8-719-302-43 | DIODE RU-3AM |
| C583 | 1-124-478-11 | ELECT | 100MF | 20% | 25V | D1701 | 8-719-109-96 | DIODE RD6.8ES-B1 |
| C584 | 1-124-478-11 | ELECT | 100MF | 20% | 25V | | | |
| C585 | 1-124-478-11 | ELECT | 100MF | 20% | 25V | | | |
| C586 | 1-124-478-11 | ELECT | 100MF | 20% | 25V | | | |
| C1701 | 1-102-976-00 | CERAMIC | 180PF | 5% | 50V | | | |
| C1702 | 1-164-070-11 | CERAMIC | 100PF | 5% | 50V | | | |
| C1703 | 1-124-477-11 | ELECT | 47MF | 20% | 16V | | | |
| C1704 | 1-102-121-00 | CERAMIC | 0.0022MF | 10% | 50V | | | |
| <COMPOSITION CIRCUIT BLOCK> | | | | | | | | |
| CP101 | 1-231-682-00 | COMPOSITION CIRCUIT BLOCK | | | | | | |
| CP102 | 1-236-301-11 | NETWORK, C | | | | | | |
| CP103 | 1-236-491-11 | NETWORK, RES, THICK FILM | | | | | | |
| CP104 | 1-232-682-11 | COMPOSITION CIRCUIT BLOCK | | | | | | |
| CP105 | 1-236-479-11 | NETWORK, C | | | | | | |
| CP106 | 1-236-479-11 | NETWORK, C | | | | | | |
| CP108 | 1-236-358-21 | NETWORK, RES | | | | | | |
| CP109 | 1-236-358-21 | NETWORK, RES | | | | | | |
| CP110 | 1-236-294-11 | NETWORK, RES | | | | | | |
| CP111 | 1-232-680-11 | COMPOSITION CIRCUIT BLOCK | | | | | | |
| <DIODE> | | | | | | | | |
| D101 | 8-719-110-78 | DIODE RD3ES-B2 | | | | | | |
| <IC> | | | | | | | | |
| IC101 | 8-759-636-30 | IC M37200M6-A16SP | | | | | | |
| IC102 | 8-759-972-43 | IC PCD8582 | | | | | | |
| IC103 | 8-759-403-44 | IC MN1280-S | | | | | | |
| IC301 | 8-752-035-52 | IC CA3180S | | | | | | |
| IC500 | 8-759-980-58 | IC TDA8172 | | | | | | |
| *4-393-401-01 | SPRING; IC500 | | | | | | | |
| 4-393-405-01 | SHEET (V), RADIATION; IC500 | | | | | | | |
| IC531 | 8-759-103-93 | IC UPC393C | | | | | | |
| IC581 | 8-759-142-04 | IC UPC7895H | | | | | | |
| *4-393-401-01 | SPRING; IC581 | | | | | | | |
| IC582 | 8-759-142-04 | IC UPC7895H | | | | | | |
| *4-368-683-01 | SPRING; IC582 | | | | | | | |
| IC901 | 8-759-924-82 | IC LE7805CT | | | | | | |
| IC1701 | 8-759-978-66 | IC MB88201-638L | | | | | | |
| <IF BLOCK> | | | | | | | | |
| IF201 | 1-464-755-21 | IF BLOCK (IFE-450A) | | | | | | |
| <COIL> | | | | | | | | |
| L101 | 1-408-421-00 | INDUCTOR | 100UH | | | | | |

KV-29XBR85

RM-Y108

A

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| REF. NO. | PART NO. | DESCRIPTION | REMARK | REF. NO. | PART NO. | DESCRIPTION | REMARK |
|----------------|--------------|----------------------------|--------|----------|--------------|---------------------|--------|
| L102 | 1-408-415-00 | INDUCTOR 33UH | | R101 | 1-249-425-11 | CARBON 4.7K 5% | 1/4W |
| L201 | 1-408-408-00 | INDUCTOR 8.2UH | | R102 | 1-249-416-11 | CARBON 820 5% | 1/4W |
| L500 | 1-422-613-11 | COIL, AIR CORE | | R103 | 1-215-896-00 | METAL OXIDE 4.7K 5% | 2W F |
| L501 | 1-459-148-00 | COIL | | R104 | 1-249-425-11 | CARBON 4.7K 5% | 1/4W |
| L502 | 1-408-225-00 | INDUCTOR 3.3UH | | R105 | 1-249-429-11 | CARBON 10K 5% | 1/4W |
| L503 | 1-422-613-11 | COIL, AIR CORE | | R106 | 1-249-421-11 | CARBON 2.2K 5% | 1/4W |
| L505 Δ | 1-410-669-41 | INDUCTOR 33UH | | R107 | 1-249-417-11 | CARBON 1K 5% | 1/4W |
| L506 | 1-408-225-00 | INDUCTOR 3.3UH | | R108 | 1-249-421-11 | CARBON 2.2K 5% | 1/4W |
| L507 | 1-421-541-00 | COIL, CHOKE 1000UH | | R109 | 1-249-421-11 | CARBON 2.2K 5% | 1/4W |
| L508 Δ | 1-424-206-11 | COIL, PIN MODULATION | | R110 | 1-249-421-11 | CARBON 2.2K 5% | 1/4W |
| L509 | 1-422-613-11 | COIL, AIR CORE | | R111 | 1-249-421-11 | CARBON 2.2K 5% | 1/4W |
| L510 | 1-459-148-00 | COIL | | R112 | 1-249-421-11 | CARBON 2.2K 5% | 1/4W |
| L511 | 1-408-225-00 | INDUCTOR 3.3UH | | R113 | 1-249-421-11 | CARBON 2.2K 5% | 1/4W |
| L512 Δ | 1-459-973-21 | COIL, HORIZONTAL LINEARITY | | R114 | 1-249-421-11 | CARBON 2.2K 5% | 1/4W |
| L513 | 1-408-698-00 | INDUCTOR 8.2UH | | R115 | 1-249-421-11 | CARBON 2.2K 5% | 1/4W |
| L514 Δ | 1-408-698-21 | INDUCTOR 8.2UH | | R116 | 1-249-409-11 | CARBON 220 5% | 1/4W |
| L1701 | 1-408-413-00 | INDUCTOR 22UH | | R117 | 1-249-409-11 | CARBON 220 5% | 1/4W |
| <NEON LAMP> | | | | R118 | 1-249-409-11 | CARBON 220 5% | 1/4W |
| NL501 | 1-519-108-99 | LAMP, NEON | | R119 | 1-249-431-11 | CARBON 15K 5% | 1/4W |
| <MODULE> | | | | R120 | 1-249-421-11 | CARBON 2.2K 5% | 1/4W |
| PM501 Δ | 1-808-690-11 | MODULE, PROTECTOR (PM-14) | | R121 | 1-249-421-11 | CARBON 2.2K 5% | 1/4W |
| <TRANSISTOR> | | | | R122 | 1-249-421-11 | CARBON 2.2K 5% | 1/4W |
| Q101 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | | R123 | 1-249-421-11 | CARBON 2.2K 5% | 1/4W |
| Q103 | 8-729-423-44 | TRANSISTOR 2SA1309A-QRS | | R124 | 1-249-421-11 | CARBON 2.2K 5% | 1/4W |
| Q104 | 8-729-423-44 | TRANSISTOR 2SA1309A-QRS | | R125 | 1-249-429-11 | CARBON 10K 5% | 1/4W |
| Q107 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | | R126 | 1-249-429-11 | CARBON 10K 5% | 1/4W |
| Q110 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | | R127 | 1-249-413-11 | CARBON 470 5% | 1/4W |
| Q112 | 8-729-900-89 | TRANSISTOR DTC144ES | | R128 | 1-249-425-11 | CARBON 4.7K 5% | 1/4W |
| Q113 | 8-729-900-89 | TRANSISTOR DTC144ES | | R129 | 1-249-413-11 | CARBON 470 5% | 1/4W |
| Q114 | 8-729-900-89 | TRANSISTOR DTC144ES | | R130 | 1-249-437-11 | CARBON 47K 5% | 1/4W |
| Q170 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | | R131 | 1-249-429-11 | CARBON 10K 5% | 1/4W |
| Q201 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | | R132 | 1-249-429-11 | CARBON 10K 5% | 1/4W |
| Q301 | 8-729-423-44 | TRANSISTOR 2SA1309A-QRS | | R133 | 1-249-421-11 | CARBON 2.2K 5% | 1/4W |
| Q302 | 8-729-900-89 | TRANSISTOR DTC144ES | | R134 | 1-249-421-11 | CARBON 2.2K 5% | 1/4W |
| Q303 | 8-729-423-44 | TRANSISTOR 2SA1309A-QRS | | R135 | 1-249-429-11 | CARBON 10K 5% | 1/4W |
| Q304 | 8-729-423-44 | TRANSISTOR 2SA1309A-QRS | | R136 | 1-249-429-11 | CARBON 10K 5% | 1/4W |
| Q305 | 8-729-900-89 | TRANSISTOR DTC144ES | | R137 | 1-249-409-11 | CARBON 220 5% | 1/4W |
| Q306 | 8-729-423-44 | TRANSISTOR 2SA1309A-QRS | | R138 | 1-249-425-11 | CARBON 4.7K 5% | 1/4W |
| Q307 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | | R139 | 1-249-421-11 | CARBON 2.2K 5% | 1/4W |
| Q308 | 8-729-900-89 | TRANSISTOR DTC144ES | | R140 | 1-249-413-11 | CARBON 470 5% | 1/4W |
| Q310 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | | R141 | 1-249-427-11 | CARBON 6.8K 5% | 1/4W |
| Q311 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | | R142 | 1-249-437-11 | CARBON 47K 5% | 1/4W |
| Q312 | 8-729-423-44 | TRANSISTOR 2SA1309A-QRS | | R143 | 1-249-437-11 | CARBON 47K 5% | 1/4W |
| Q313 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | | R144 | 1-215-896-00 | METAL OXIDE 4.7K 5% | 2W F |
| Q314 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | | R145 | 1-249-429-11 | CARBON 10K 5% | 1/4W |
| Q351 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | | R146 | 1-247-903-00 | CARBON 1M 5% | 1/4W |
| Q352 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | | R147 | 1-249-429-11 | CARBON 10K 5% | 1/4W |
| Q501 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | | R148 | 1-249-429-11 | CARBON 10K 5% | 1/4W |
| Q502 | 8-729-119-80 | TRANSISTOR 2SC2688-LK | | R149 | 1-215-897-11 | METAL OXIDE 6.8K 5% | 2W F |
| Q503 | 8-729-304-50 | TRANSISTOR 2SD1941-06 | | R150 | 1-249-441-11 | CARBON 100K 5% | 1/4W |
| Q504 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | | R151 | 1-249-437-11 | CARBON 47K 5% | 1/4W |
| Q505 | 8-729-208-72 | TRANSISTOR 2SC3298B-Y | | R152 | 1-249-425-11 | CARBON 4.7K 5% | 1/4W |
| Q506 | 8-729-423-44 | TRANSISTOR 2SA1309A-QRS | | R153 | 1-249-429-11 | CARBON 10K 5% | 1/4W |
| <RESISTOR> | | | | R154 | 1-249-429-11 | CARBON 10K 5% | 1/4W |
| | | | | R155 | 1-249-441-11 | CARBON 100K 5% | 1/4W |
| | | | | R156 | 1-249-409-11 | CARBON 220 5% | 1/4W |
| | | | | R158 | 1-249-429-11 | CARBON 10K 5% | 1/4W |
| | | | | R159 | 1-249-437-11 | CARBON 47K 5% | 1/4W |
| | | | | R160 | 1-247-887-00 | CARBON 220K 5% | 1/4W |
| | | | | R161 | 1-249-409-11 | CARBON 220 5% | 1/4W |
| | | | | R162 | 1-249-409-11 | CARBON 220 5% | 1/4W |
| | | | | R163 | 1-249-421-11 | CARBON 2.2K 5% | 1/4W |
| | | | | R164 | 1-249-409-11 | CARBON 220 5% | 1/4W |
| | | | | R165 | 1-249-409-11 | CARBON 220 5% | 1/4W |

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| REF.NO. | PART NO. | DESCRIPTION | REMARK | REF.NO. | PART NO. | DESCRIPTION | REMARK |
|---------|--------------|-------------|--------------|---------|--------------|-------------|--------------|
| R166 | 1-249-409-11 | CARBON | 220 5% 1/4W | R317 | 1-249-429-11 | CARBON | 10K 5% 1/4W |
| R167 | 1-249-425-11 | CARBON | 4.7K 5% 1/4W | R318 | 1-249-437-11 | CARBON | 47K 5% 1/4W |
| R168 | 1-249-429-11 | CARBON | 10K 5% 1/4W | R320 | 1-249-429-11 | CARBON | 10K 5% 1/4W |
| R169 | 1-249-429-11 | CARBON | 10K 5% 1/4W | R321 | 1-249-441-11 | CARBON | 100K 5% 1/4W |
| R170 | 1-249-429-11 | CARBON | 10K 5% 1/4W | R322 | 1-249-428-11 | CARBON | 8.2K 5% 1/4W |
| R171 | 1-249-421-11 | CARBON | 2.2K 5% 1/4W | R323 | 1-215-457-00 | METAL | 33K 1% 1/4W |
| R172 | 1-249-429-11 | CARBON | 10K 5% 1/4W | R324 | 1-249-405-11 | CARBON | 100 5% 1/4W |
| R173 | 1-249-421-11 | CARBON | 2.2K 5% 1/4W | R325 | 1-249-414-11 | CARBON | 560 5% 1/4W |
| R174 | 1-249-421-11 | CARBON | 2.2K 5% 1/4W | R326 | 1-249-421-11 | CARBON | 2.2K 5% 1/4W |
| R175 | 1-249-421-11 | CARBON | 2.2K 5% 1/4W | R327 | 1-249-417-11 | CARBON | 1K 5% 1/4W |
| R177 | 1-249-409-11 | CARBON | 220 5% 1/4W | R328 | 1-249-413-11 | CARBON | 470 5% 1/4W |
| R178 | 1-249-413-11 | CARBON | 470 5% 1/4W | R329 | 1-249-425-11 | CARBON | 4.7K 5% 1/4W |
| R179 | 1-249-410-11 | CARBON | 270 5% 1/4W | R330 | 1-249-421-11 | CARBON | 2.2K 5% 1/4W |
| R181 | 1-249-417-11 | CARBON | 1K 5% 1/4W | R332 | 1-247-889-00 | CARBON | 270K 5% 1/4W |
| R182 | 1-249-421-11 | CARBON | 2.2K 5% 1/4W | R333 | 1-249-409-11 | CARBON | 220 5% 1/4W |
| R183 | 1-249-421-11 | CARBON | 2.2K 5% 1/4W | R334 | 1-249-420-11 | CARBON | 1.8K 5% 1/4W |
| R184 | 1-249-417-11 | CARBON | 1K 5% 1/4W | R335 | 1-247-887-00 | CARBON | 220K 5% 1/4W |
| R185 | 1-249-417-11 | CARBON | 1K 5% 1/4W | R336 | 1-249-405-11 | CARBON | 100 5% 1/4W |
| R186 | 1-249-421-11 | CARBON | 2.2K 5% 1/4W | R337 | 1-249-438-11 | CARBON | 56K 5% 1/4W |
| R187 | 1-249-421-11 | CARBON | 2.2K 5% 1/4W | R339 | 1-249-411-11 | CARBON | 330 5% 1/4W |
| R188 | 1-249-425-11 | CARBON | 4.7K 5% 1/4W | R340 | 1-249-405-11 | CARBON | 100 5% 1/4W |
| R189 | 1-249-433-11 | CARBON | 22K 5% 1/4W | R341 | 1-249-405-11 | CARBON | 100 5% 1/4W |
| R190 | 1-249-421-11 | CARBON | 2.2K 5% 1/4W | R342 | 1-249-405-11 | CARBON | 100 5% 1/4W |
| R191 | 1-249-421-11 | CARBON | 2.2K 5% 1/4W | R343 | 1-249-405-11 | CARBON | 100 5% 1/4W |
| R192 | 1-249-421-11 | CARBON | 2.2K 5% 1/4W | R344 | 1-249-405-11 | CARBON | 100 5% 1/4W |
| R194 | 1-249-417-11 | CARBON | 1K 5% 1/4W | R346 | 1-249-413-11 | CARBON | 470 5% 1/4W |
| R195 | 1-249-421-11 | CARBON | 2.2K 5% 1/4W | R347 | 1-259-884-11 | CARBON | 4.7M 5% 1/4W |
| R196 | 1-249-417-11 | CARBON | 1K 5% 1/4W | R349 | 1-249-409-11 | CARBON | 220 5% 1/4W |
| R197 | 1-259-884-11 | CARBON | 4.7M 5% 1/4W | R350 | 1-249-423-11 | CARBON | 3.3K 5% 1/4W |
| R198 | 1-249-421-11 | CARBON | 2.2K 5% 1/4W | R351 | 1-249-441-11 | CARBON | 100K 5% 1/4W |
| R200 | 1-249-417-11 | CARBON | 1K 5% 1/4W | R352 | 1-249-441-11 | CARBON | 100K 5% 1/4W |
| R201 | 1-249-425-11 | CARBON | 4.7K 5% 1/4W | R353 | 1-249-441-11 | CARBON | 100K 5% 1/4W |
| R202 | 1-249-429-11 | CARBON | 10K 5% 1/4W | R354 | 1-249-433-11 | CARBON | 22K 5% 1/4W |
| R203 | 1-249-434-11 | CARBON | 27K 5% 1/4W | R355 | 1-249-433-11 | CARBON | 22K 5% 1/4W |
| R204 | 1-249-436-11 | CARBON | 39K 5% 1/4W | R356 | 1-249-433-11 | CARBON | 22K 5% 1/4W |
| R205 | 1-249-411-11 | CARBON | 330 5% 1/4W | R357 | 1-249-437-11 | CARBON | 47K 5% 1/4W |
| R208 | 1-215-865-11 | METAL OXIDE | 220 5% 1W | R358 | 1-247-889-00 | CARBON | 270K 5% 1/4W |
| R209 | 1-249-417-11 | CARBON | 1K 5% 1/4W | R359 | 1-249-433-11 | CARBON | 22K 5% 1/4W |
| R220 | 1-249-433-11 | CARBON | 22K 5% 1/4W | R360 | 1-249-433-11 | CARBON | 22K 5% 1/4W |
| R221 | 1-249-433-11 | CARBON | 22K 5% 1/4W | R361 | 1-249-431-11 | CARBON | 15K 5% 1/4W |
| R224 | 1-249-417-11 | CARBON | 1K 5% 1/4W | R362 | 1-249-421-11 | CARBON | 2.2K 5% 1/4W |
| R225 | 1-249-417-11 | CARBON | 1K 5% 1/4W | R363 | 1-249-421-11 | CARBON | 2.2K 5% 1/4W |
| R226 | 1-249-433-11 | CARBON | 22K 5% 1/4W | R364 | 1-249-405-11 | CARBON | 100 5% 1/4W |
| R227 | 1-249-441-11 | CARBON | 100K 5% 1/4W | R365 | 1-249-405-11 | CARBON | 100 5% 1/4W |
| R228 | 1-249-437-11 | CARBON | 47K 5% 1/4W | R366 | 1-249-437-11 | CARBON | 47K 5% 1/4W |
| R230 | 1-249-409-11 | CARBON | 220 5% 1/4W | R367 | 1-249-417-11 | CARBON | 1K 5% 1/4W |
| R231 | 1-249-411-11 | CARBON | 330 5% 1/4W | R368 | 1-249-417-11 | CARBON | 1K 5% 1/4W |
| R234 | 1-249-409-11 | CARBON | 220 5% 1/4W | R370 | 1-249-405-11 | CARBON | 100 5% 1/4W |
| R236 | 1-249-417-11 | CARBON | 1K 5% 1/4W | R371 | 1-249-413-11 | CARBON | 470 5% 1/4W |
| R301 | 1-215-448-00 | METAL | 13K 1% 1/4W | R373 | 1-249-417-11 | CARBON | 1K 5% 1/4W |
| R303 | 1-249-441-11 | CARBON | 100K 5% 1/4W | R374 | 1-249-428-11 | CARBON | 8.2K 5% 1/4W |
| R304 | 1-249-432-11 | CARBON | 18K 5% 1/4W | R375 | 1-249-421-11 | CARBON | 2.2K 5% 1/4W |
| R305 | 1-247-899-11 | CARBON | 680K 5% 1/4W | R376 | 1-249-425-11 | CARBON | 4.7K 5% 1/4W |
| R306 | 1-215-421-00 | METAL | 1K 1% 1/4W | R377 | 1-249-438-11 | CARBON | 56K 5% 1/4W |
| R307 | 1-249-405-11 | CARBON | 100 5% 1/4W | R378 | 1-249-427-11 | CARBON | 6.8K 5% 1/4W |
| R308 | 1-249-405-11 | CARBON | 100 5% 1/4W | R379 | 1-249-421-11 | CARBON | 2.2K 5% 1/4W |
| R309 | 1-249-405-11 | CARBON | 100 5% 1/4W | R381 | 1-249-421-11 | CARBON | 2.2K 5% 1/4W |
| R310 | 1-249-409-11 | CARBON | 220 5% 1/4W | R382 | 1-249-413-11 | CARBON | 470 5% 1/4W |
| R311 | 1-249-409-11 | CARBON | 220 5% 1/4W | R383 | 1-249-429-11 | CARBON | 10K 5% 1/4W |
| R312 | 1-249-409-11 | CARBON | 220 5% 1/4W | R385 | 1-247-903-00 | CARBON | 1M 5% 1/4W |
| R313 | 1-249-409-11 | CARBON | 220 5% 1/4W | R386 | 1-249-417-11 | CARBON | 1K 5% 1/4W |
| R314 | 1-249-409-11 | CARBON | 220 5% 1/4W | R388 | 1-249-409-11 | CARBON | 220 5% 1/4W |
| R315 | 1-249-417-11 | CARBON | 1K 5% 1/4W | R500 | 1-249-433-11 | CARBON | 22K 5% 1/4W |
| R316 | 1-249-425-11 | CARBON | 4.7K 5% 1/4W | | | | |

KV-29XBR85

RM-Y108

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The components identified by shading and mark **Δ** are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et par une marque **Δ** sont d'une importance critique pour la sécurité. Ne les remplacer que par des pièces de numéro spécifié.

| REF. NO. | PART NO. | DESCRIPTION | REMARK | REF. NO. | PART NO. | DESCRIPTION | REMARK |
|---------------|--------------|-------------|----------------|----------------|--------------|------------------------------|-----------------|
| R501 | 1-249-435-11 | CARBON | 33K 5% 1/4W | R1707 | 1-249-417-11 | CARBON | 1K 5% 1/4W |
| R502 | 1-216-371-00 | METAL OXIDE | 1.5 5% 2W F | R1708 | 1-249-417-11 | CARBON | 1K 5% 1/4W |
| R503 | 1-247-870-11 | CARBON | 43K 5% 1/4W | R1709 | 1-249-417-11 | CARBON | 1K 5% 1/4W |
| R504 | 1-247-854-11 | CARBON | 9.1K 5% 1/4W | R1710 | 1-249-417-11 | CARBON | 1K 5% 1/4W |
| R505 | 1-216-453-00 | METAL OXIDE | 270 5% 2W F | R1711 | 1-249-417-11 | CARBON | 1K 5% 1/4W |
| R506 | 1-249-417-11 | CARBON | 1K 5% 1/4W | R1712 | 1-249-417-11 | CARBON | 1K 5% 1/4W |
| R509 Δ | 1-247-899-11 | CARBON | 680K 5% 1/4W | R1713 | 1-249-429-11 | CARBON | 10K 5% 1/4W |
| R510 | 1-249-393-11 | CARBON | 10 5% 1/4W F | R1714 | 1-249-429-11 | CARBON | 10K 5% 1/4W |
| R511 | 1-249-436-11 | CARBON | 39K 5% 1/4W | R1715 | 1-249-429-11 | CARBON | 10K 5% 1/4W |
| R513 | 1-249-425-11 | CARBON | 4.7K 5% 1/4W | | | | |
| R514 | 1-249-417-11 | CARBON | 1K 5% 1/4W | | | <SPARK GAP> | |
| R515 | 1-247-692-11 | CARBON | 22 5% 1/4W F | SG501 | 1-519-422-11 | GAP, SPARK | |
| R516 Δ | 1-249-443-91 | CARBON | 6.47 5% 1/4W F | | | <TRANSFORMER> | |
| R517 Δ | 1-216-355-00 | METAL OXIDE | 5.6 5% 1W F | T500 Δ | 1-439-457-11 | TRANSFORMER ASSY. KEYBAC | |
| R518 | 1-249-482-11 | CARBON | 4.7 5% 1/2W F | T501 Δ | 1-437-195-12 | TRANSFORMER HORIZONTAL DRIVE | |
| R519 Δ | 1-216-871-00 | METAL OXIDE | 2.2K 5% 1W F | T502 Δ | 1-413-059-11 | TRANSFORMER PERRITE (DET) | |
| R521 Δ | 1-249-469-91 | CARBON | 100K 5% 1/4W F | | | <TUNER> | |
| R522 | 1-215-868-00 | METAL OXIDE | 680 5% 1W F | TU101 Δ | 1-463-771-11 | TUNER, ET (RTP-201A) | |
| R523 | 1-216-341-11 | METAL OXIDE | 0.22 5% 1W F | | | <CRYSTAL> | |
| R524 | 1-215-890-11 | METAL OXIDE | 470 5% 2W F | X101 | 1-577-082-11 | VIBRATOR, CERAMIC 4MHz | |
| R527 Δ | 1-249-443-91 | CARBON | 6.47 5% 1/4W F | X301 | 1-567-505-11 | OSCILLATOR, CRYSTAL 3.58MHz | |
| R528 | 1-215-881-11 | METAL OXIDE | 15 5% 2W F | | | ***** | |
| R529 | 1-249-426-11 | CARBON | 5.6K 5% 1/4W | | | *1-635-250-11 X1 BOARD | |
| R530 | 1-249-438-11 | CARBON | 56K 5% 1/4W | | | ***** | |
| R531 | 1-216-479-11 | METAL OXIDE | 560 5% 3W F | | | <CAPACITOR> | |
| R533 | 1-249-429-11 | CARBON | 10K 5% 1/4W | C251 | 1-124-903-11 | ELECT | 1MF 20% 50V |
| R534 | 1-249-437-11 | CARBON | 47K 5% 1/4W | C252 | 1-136-157-00 | FILM | 0.022MF 5% 50V |
| R535 | 1-215-454-00 | METAL | 24K 1% 1/4W | C253 | 1-124-903-11 | ELECT | 1MF 20% 50V |
| R536 | 1-215-479-00 | METAL | 270K 1% 1/4W | C254 | 1-130-309-00 | FILM | 0.033MF 5% 100V |
| R537 | 1-247-883-00 | CARBON | 150K 5% 1/4W | C255 | 1-124-903-11 | ELECT | 1MF 20% 50V |
| R538 | 1-247-885-00 | CARBON | 180K 5% 1/4W | C256 | 1-124-478-11 | ELECT | 100MF 20% 25V |
| R539 | 1-216-479-11 | METAL OXIDE | 560 5% 3W F | C257 | 1-124-927-11 | ELECT | 4.7MF 20% 50V |
| R541 | 1-215-437-00 | METAL | 4.7K 1% 1/4W | C258 | 1-124-902-00 | ELECT | 0.47MF 20% 50V |
| R542 | 1-249-441-11 | CARBON | 100K 5% 1/4W | C259 | 1-124-903-11 | ELECT | 1MF 20% 50V |
| R549 Δ | 1-249-441-11 | CARBON | 100K 5% 1/4W | C260 | 1-124-903-11 | ELECT | 1MF 20% 50V |
| R551 | 1-249-413-11 | CARBON | 470 5% 1/4W | C261 | 1-131-347-00 | TANTALUM | 1MF 20% 16V |
| R552 | 1-249-405-11 | CARBON | 100 5% 1/4W F | C262 | 1-124-903-11 | ELECT | 1MF 20% 50V |
| R553 | 1-249-401-11 | CARBON | 47 5% 1/4W | C263 | 1-124-903-11 | ELECT | 1MF 20% 50V |
| R554 | 1-249-423-11 | CARBON | 3.3K 5% 1/4W | C264 | 1-124-907-11 | ELECT | 10MF 20% 50V |
| R555 | 1-247-722-11 | CARBON | 5.6K 5% 1/4W F | C265 | 1-136-170-00 | FILM | 0.27MF 5% 50V |
| R556 Δ | 1-247-694-91 | CARBON | 6.47 5% 1/4W F | C266 | 1-124-907-11 | ELECT | 10MF 20% 50V |
| R558 | 1-215-890-11 | METAL OXIDE | 470 5% 2W F | C267 | 1-131-368-00 | TANTALUM | 3.3MF 10% 16V |
| R559 Δ | 1-215-880-00 | METAL OXIDE | 330 5% 2W F | C268 | 1-124-903-11 | ELECT | 1MF 20% 50V |
| R560 | 1-247-889-00 | CARBON | 270K 5% 1/4W | C269 | 1-131-347-00 | TANTALUM | 1MF 20% 16V |
| R561 | 1-249-437-11 | CARBON | 47K 5% 1/4W | C270 | 1-124-903-11 | ELECT | 1MF 20% 50V |
| R562 | 1-247-734-11 | CARBON | 39 5% 1/2W F | C271 | 1-124-907-11 | ELECT | 10MF 20% 50V |
| R563 | 1-215-890-11 | METAL OXIDE | 470 5% 2W F | C272 | 1-124-903-11 | ELECT | 1MF 20% 50V |
| R564 Δ | 1-247-847-91 | CARBON | 4.7K 5% 1/4W | C273 | 1-124-477-11 | ELECT | 47MF 20% 16V |
| R567 Δ | 1-249-431-11 | CARBON | 15K 5% 1/4W | C274 | 1-130-475-00 | MYLAR | 0.0022MF 5% 50V |
| R568 | 1-249-431-11 | CARBON | 15K 5% 1/4W | C275 | 1-130-475-00 | MYLAR | 0.0022MF 5% 50V |
| R569 | 1-249-425-11 | CARBON | 4.7K 5% 1/4W | C276 | 1-102-074-00 | CERAMIC | 0.001MF 10% 50V |
| R570 | 1-249-437-11 | CARBON | 47K 5% 1/4W | C277 | 1-124-907-11 | ELECT | 10MF 20% 50V |
| R571 Δ | 1-215-046-61 | FUSIBLE | 2.7 5% 1W F | C278 | 1-124-903-11 | ELECT | 1MF 20% 50V |
| R572 Δ | 1-215-377-00 | METAL OXIDE | 4.7 5% 2W F | | | | |
| R573 Δ | 1-215-377-00 | METAL OXIDE | 4.7 5% 2W F | | | | |
| R574 | 1-249-409-11 | CARBON | 220 5% 1/4W F | | | | |
| R575 | 1-249-405-11 | CARBON | 100 5% 1/4W | | | | |
| R610 | 1-249-409-11 | CARBON | 220 5% 1/4W | | | | |
| R1701 | 1-249-417-11 | CARBON | 1K 5% 1/4W | | | | |
| R1702 | 1-249-417-11 | CARBON | 1K 5% 1/4W | | | | |
| R1703 | 1-249-417-11 | CARBON | 1K 5% 1/4W | | | | |
| R1704 | 1-249-417-11 | CARBON | 1K 5% 1/4W | | | | |
| R1705 | 1-249-417-11 | CARBON | 1K 5% 1/4W | | | | |
| R1706 | 1-249-417-11 | CARBON | 1K 5% 1/4W | | | | |

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| REF.NO. | PART NO. | DESCRIPTION | REMARK | REF.NO. | PART NO. | DESCRIPTION | REMARK |
|---------|---------------|-------------------------|-----------------|---------|--------------|-------------|--------------|
| C280 | 1-124-907-11 | ELECT | 10MF 20% 50V | R284 | 1-249-441-11 | CARBON | 100K 5% 1/4W |
| C281 | 1-124-907-11 | ELECT | 10MF 20% 50V | R285 | 1-247-903-00 | CARBON | 1M 5% 1/4W |
| C282 | 1-124-927-11 | ELECT | 4.7MF 20% 50V | R286 | 1-249-393-11 | CARBON | 10 5% 1/4W |
| C284 | 1-124-927-11 | ELECT | 4.7MF 20% 50V | R290 | 1-215-441-00 | METAL | 6.8K 1% 1/4W |
| C285 | 1-136-171-00 | FILM | 0.33MF 5% 50V | R291 | 1-215-441-00 | METAL | 6.8K 1% 1/4W |
| C286 | 1-136-175-00 | FILM | 0.68MF 5% 50V | R292 | 1-249-433-11 | CARBON | 22K 5% 1/4W |
| C290 | 1-124-907-11 | ELECT | 10MF 20% 50V | R293 | 1-249-433-11 | CARBON | 22K 5% 1/4W |
| C291 | 1-124-907-11 | ELECT | 10MF 20% 50V | R294 | 1-249-433-11 | CARBON | 22K 5% 1/4W |
| C292 | 1-124-907-11 | ELECT | 10MF 20% 50V | R295 | 1-249-433-11 | CARBON | 22K 5% 1/4W |
| C293 | 1-126-233-11 | ELECT | 22MF 20% 50V | | | | |
| C294 | 1-124-907-11 | ELECT | 10MF 20% 50V | | | | |
| C295 | 1-101-005-00 | CERAMIC | 0.022MF 50V | | | | |
| C296 | 1-101-005-00 | CERAMIC | 0.022MF 50V | | | | |
| | | <DIODE> | | | | | |
| D251 | 8-719-110-48 | DIODE RD18ES-B1 | | | | | |
| D252 | 8-719-110-48 | DIODE RD18ES-B1 | | | | | |
| D253 | 8-719-110-48 | DIODE RD18ES-B1 | | | | | |
| D270 | 8-719-109-90 | DIODE RD5.6ES-B3 | | | | | |
| D271 | 8-719-911-19 | DIODE ISS119 | | | | | |
| | | <IC> | | | | | |
| IC251 | 8-752-037-24 | IC CXA1264AS | | | | | |
| | | <TRANSISTOR> | | | | | |
| Q270 | 8-729-119-76 | TRANSISTOR 2SA1175-HFE | | | | | |
| Q271 | 8-729-119-76 | TRANSISTOR 2SA1175-HFE | | | | | |
| Q272 | 8-729-119-76 | TRANSISTOR 2SA1175-HFE | | | | | |
| Q273 | 8-729-119-76 | TRANSISTOR 2SA1175-HFE | | | | | |
| Q280 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | | | | | |
| Q281 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | | | | | |
| | | <RESISTOR> | | | | | |
| R251 | 1-215-443-00 | METAL | 8.2K 1% 1/4W | | | | |
| R252 | 1-215-443-00 | METAL | 8.2K 1% 1/4W | | | | |
| R253 | 1-249-409-11 | CARBON | 220 5% 1/4W | | | | |
| R254 | 1-249-409-11 | CARBON | 220 5% 1/4W | | | | |
| R255 | 1-249-420-11 | CARBON | 1.8K 5% 1/4W | | | | |
| R256 | 1-249-405-11 | CARBON | 100 5% 1/4W | | | | |
| R257 | 1-215-445-00 | METAL | 10K 1% 1/4W | | | | |
| R258 | 1-215-445-00 | METAL | 10K 1% 1/4W | | | | |
| R259 | 1-249-409-11 | CARBON | 220 5% 1/4W | | | | |
| R260 | 1-249-409-11 | CARBON | 220 5% 1/4W | | | | |
| R261 | 1-249-409-11 | CARBON | 220 5% 1/4W | | | | |
| R262 | 1-249-409-11 | CARBON | 220 5% 1/4W | | | | |
| R266 | 1-215-456-00 | METAL | 30K 1% 1/4W | | | | |
| R270 | 1-249-428-11 | CARBON | 8.2K 5% 1/4W | | | | |
| R271 | 1-249-428-11 | CARBON | 8.2K 5% 1/4W | | | | |
| R272 | 1-215-455-00 | METAL | 27K 1% 1/4W | | | | |
| R273 | 1-215-455-00 | METAL | 27K 1% 1/4W | | | | |
| R274 | 1-249-417-11 | CARBON | 1K 5% 1/4W | | | | |
| R275 | 1-249-417-11 | CARBON | 1K 5% 1/4W | | | | |
| R276 | 1-249-405-11 | CARBON | 100 5% 1/4W | | | | |
| R277 | 1-249-405-11 | CARBON | 100 5% 1/4W | | | | |
| R278 | 1-249-429-11 | CARBON | 10K 5% 1/4W | | | | |
| R279 | 1-249-429-11 | CARBON | 10K 5% 1/4W | | | | |
| R280 | 1-249-420-11 | CARBON | 1.8K 5% 1/4W | | | | |
| R281 | 1-249-428-11 | CARBON | 8.2K 5% 1/4W | | | | |
| R282 | 1-249-429-11 | CARBON | 10K 5% 1/4W | | | | |
| R283 | 1-249-429-11 | CARBON | 10K 5% 1/4W | | | | |
| | | <CONNECTOR> | | | | | |
| X23 | *1-568-380-21 | PIN, CONNECTOR 15P | | | | | |
| | | <CAPACITOR> | | | | | |
| C701 | 1-162-116-00 | CERAMIC | 680PF 10% 2KV | | | | |
| C702 | 1-136-601-11 | FILM | 0.01MF 5% 630V | | | | |
| C703 | 1-124-907-11 | ELECT | 10MF 20% 50V | | | | |
| C704 | 1-123-946-00 | ELECT | 4.7MF 20% 250V | | | | |
| C705 | 1-101-821-00 | CERAMIC | 0.0022MF 500V | | | | |
| C707 | 1-102-116-00 | CERAMIC | 680PF 10% 50V | | | | |
| C708 | 1-102-116-00 | CERAMIC | 680PF 10% 50V | | | | |
| C709 | 1-102-116-00 | CERAMIC | 680PF 10% 50V | | | | |
| C710 | 1-164-082-11 | CERAMIC | 560PF 10% 50V | | | | |
| C711 | 1-126-233-11 | ELECT | 22MF 20% 25V | | | | |
| C712 | 1-164-081-11 | CERAMIC | 470PF 10% 50V | | | | |
| C713 | 1-164-082-11 | CERAMIC | 560PF 10% 50V | | | | |
| C714 | 1-162-622-11 | CERAMIC | 330PF 10% 6.3KV | | | | |
| C715 | 1-102-074-00 | CERAMIC | 0.001MF 10% 50V | | | | |
| C718 | 1-102-074-00 | CERAMIC | 0.001MF 10% 50V | | | | |
| C720 | 1-126-233-11 | ELECT | 22MF 20% 25V | | | | |
| C721 | 1-102-074-00 | CERAMIC | 0.001MF 10% 50V | | | | |
| C730 | 1-102-116-00 | CERAMIC | 680PF 10% 50V | | | | |
| C731 | 1-102-116-00 | CERAMIC | 680PF 10% 50V | | | | |
| C732 | 1-102-116-00 | CERAMIC | 680PF 10% 50V | | | | |
| | | <DIODE> | | | | | |
| D701 | 8-719-911-19 | DIODE ISS119 | | | | | |
| D702 | 8-719-911-19 | DIODE ISS119 | | | | | |
| D703 | 8-719-911-19 | DIODE ISS119 | | | | | |
| D704 | 8-719-911-19 | DIODE ISS119 | | | | | |
| D705 | 8-719-911-19 | DIODE ISS119 | | | | | |
| D706 | 8-719-911-19 | DIODE ISS119 | | | | | |
| D707 | 8-719-911-19 | DIODE ISS119 | | | | | |
| D708 | 8-719-911-19 | DIODE ISS119 | | | | | |
| D709 | 8-719-911-19 | DIODE ISS119 | | | | | |
| D710 | 8-719-901-83 | DIODE ISS83 | | | | | |
| D711 | 8-719-901-83 | DIODE ISS83 | | | | | |
| D712 | 8-719-901-83 | DIODE ISS83 | | | | | |

KV-29XBR85

RM-Y108



Les composants identifiés par une trame et par une marque Δ sont d'une importance critique pour la sécurité. Ne les remplacer que par des pièces de numéro spécifié.

The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

| REF. NO. | PART NO. | DESCRIPTION | REMARK | REF. NO. | PART NO. | DESCRIPTION | REMARK |
|----------------------------|----------------------|-------------------------|--------|-----------------------------|----------------------------|---------------------------------|--------|
| D713 | 8-719-901-83 | DIODE 1SS83 | | R729 | 1-249-405-11 | CARBON 100 5% | 1/4W |
| | | <JACK> | | R730 | 1-249-407-11 | CARBON 150 5% | 1/4W |
| J701 Δ 1-540-160-11 | SOCKET, PICTURE TUBE | | | R731 | 1-247-704-11 | CARBON 220 5% | 1/4W F |
| | | <COIL> | | R732 | 1-247-704-11 | CARBON 220 5% | 1/4W F |
| L701 Δ 1-408-417-31 | INDUCTOR 47UH | | | R733 | 1-247-704-11 | CARBON 220 5% | 1/4W F |
| L702 | 1-408-421-00 | INDUCTOR 100UH | | R739 | 1-249-433-11 | CARBON 22K 5% | 1/4W |
| L703 | 1-408-420-00 | INDUCTOR 82UH | | R740 | 1-215-902-11 | METAL OXIDE 47K 5% | 2W F |
| L704 | 1-408-410-00 | INDUCTOR 12UH | | R741 | 1-249-417-11 | CARBON 1K 5% | 1/4W |
| L705 | 1-408-411-00 | INDUCTOR 15UH | | R742 | 1-249-429-11 | CARBON 10K 5% | 1/4W F |
| L706 | 1-408-421-00 | INDUCTOR 100UH | | R743 | 1-249-429-11 | CARBON 10K 5% | 1/4W F |
| L707 | 1-408-411-00 | INDUCTOR 15UH | | R744 | 1-247-725-11 | CARBON 10K 5% | 1/4W F |
| | | <TRANSISTOR> | | R745 | 1-247-713-11 | CARBON 1K 5% | 1/4W F |
| Q701 | 8-729-326-11 | TRANSISTOR 2SC2611 | | R746 | 1-215-902-11 | METAL OXIDE 47K 5% | 1W F |
| Q702 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | | R747 | 1-247-725-11 | CARBON 10K 5% | 1/4W F |
| Q703 | 8-729-200-17 | TRANSISTOR 2SA1091-0 | | R749 | 1-249-437-11 | CARBON 47K 5% | 1/4W |
| Q704 | 8-729-326-11 | TRANSISTOR 2SC2611 | | R750 | 1-249-409-11 | CARBON 220 5% | 1/4W |
| Q705 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | | R751 | 1-249-397-11 | CARBON 22 5% | 1/4W |
| Q706 | 8-729-200-17 | TRANSISTOR 2SA1091-0 | | R752 | 1-249-397-11 | CARBON 22 5% | 1/4W |
| Q707 | 8-729-200-17 | TRANSISTOR 2SA1091-0 | | R753 | 1-249-397-11 | CARBON 22 5% | 1/4W |
| Q708 | 8-729-326-11 | TRANSISTOR 2SC2611 | | R757 | 1-249-418-11 | CARBON 1.2K 5% | 1/4W |
| Q709 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | | R777 | 1-249-441-11 | CARBON 100K 5% | 1/4W |
| Q710 | 8-729-255-12 | TRANSISTOR 2SC2551-0 | | | | <VARIABLE RESISTOR> | |
| Q711 | 8-729-119-76 | TRANSISTOR 2SA1175-HFE | | RV701 | 1-230-641-11 | RES, ADJ, METAL GLAZE 2.2M | |
| Q712 | 8-729-255-12 | TRANSISTOR 2SC2551-0 | | RV702 Δ 1-241-387-11 | RES, ADJ, METAL GLAZE 110M | | |
| Q713 | 8-729-119-76 | TRANSISTOR 2SA1175-HFE | | | | ***** | |
| Q714 | 8-729-200-17 | TRANSISTOR 2SA1091-0 | | | | *A-1345-983-A D BOARD, COMPLETE | |
| Q715 | 8-729-200-17 | TRANSISTOR 2SA1091-0 | | | | ***** | |
| Q716 | 8-729-200-17 | TRANSISTOR 2SA1091-0 | | | | <CAPACITOR> | |
| | | <RESISTOR> | | C1501 | 1-124-477-11 | ELECT 47MF 20% | 16V |
| R701 | 1-216-392-11 | METAL OXIDE 1.8 5% | 3W F | C1503 | 1-124-907-11 | ELECT 10MF 20% | 50V |
| R702 | 1-202-848-00 | SOLID 680K 10% | 1/2W | C1504 | 1-124-927-11 | ELECT 4.7MF 20% | 50V |
| R703 | 1-202-815-11 | SOLID 47K 10% | 1/2W | C1505 | 1-106-379-12 | MYLAR 0.033MF 10% | 100V |
| R704 | 1-202-846-00 | SOLID 470K 10% | 1/2W | C1506 | 1-124-903-11 | ELECT 1MF 20% | 50V |
| R705 | 1-202-549-00 | SOLID 100 10% | 1/2W | C1507 | 1-130-481-00 | MYLAR 0.0068MF 5% | 50V |
| R706 | 1-202-838-00 | SOLID 100K 10% | 1/2W | C1508 | 1-130-475-00 | MYLAR 0.0022MF 5% | 50V |
| R707 | 1-202-842-11 | SOLID 220K 10% | 1/2W | C1509 | 1-136-165-00 | FILM 0.1MF 5% | 50V |
| R708 | 1-202-818-00 | SOLID 1K 10% | 1/2W | C1510 | 1-130-483-00 | MYLAR 0.01MF 5% | 50V |
| R709 | 1-202-818-00 | SOLID 1K 10% | 1/2W | C1511 | 1-124-477-11 | ELECT 47MF 20% | 16V |
| R710 | 1-202-818-00 | SOLID 1K 10% | 1/2W | C1512 | 1-136-161-00 | FILM 0.047MF 5% | 50V |
| R711 | 1-202-837-00 | SOLID 82K 10% | 1/2W | C1513 | 1-124-477-11 | ELECT 47MF 20% | 16V |
| R712 | 1-202-842-11 | SOLID 220K 10% | 1/2W | C1514 | 1-136-165-00 | FILM 0.1MF 5% | 50V |
| R713 Δ 1-216-486-51 | METAL OXIDE 8.2K 5% | 3W F | | C1516 | 1-162-318-11 | CERAMIC 0.001MF 10% | 500V |
| R714 | 1-249-409-11 | CARBON 220 5% | 1/4W | C1517 | 1-102-129-00 | CERAMIC 0.01MF 10% | 50V |
| R715 | 1-202-818-00 | SOLID 1K 10% | 1/2W | C1518 | 1-124-903-11 | ELECT 1MF 20% | 50V |
| R716 Δ 1-216-486-51 | METAL OXIDE 8.2K 5% | 3W F | | C1519 | 1-136-104-00 | FILM 0.16MF 5% | 200V |
| R717 | 1-249-409-11 | CARBON 220 5% | 1/4W | C1521 | 1-102-129-00 | CERAMIC 0.01MF 10% | 50V |
| R718 | 1-249-409-11 | CARBON 220 5% | 1/4W | C1522 | 1-124-360-00 | ELECT 1000MF 20% | 16V |
| R720 Δ 1-216-486-51 | METAL OXIDE 8.2K 5% | 3W F | | C1523 | 1-136-177-00 | FILM 1MF 5% | 50V |
| R721 | 1-202-842-11 | SOLID 220K 10% | 1/2W | C1524 | 1-124-927-11 | ELECT 4.7MF 20% | 50V |
| R723 | 1-249-405-11 | CARBON 100 5% | 1/4W | C1525 | 1-136-153-00 | FILM 0.01MF 5% | 50V |
| R724 | 1-249-405-11 | CARBON 100 5% | 1/4W | C1526 | 1-124-477-11 | ELECT 47MF 20% | 16V |
| R725 | 1-249-429-11 | CARBON 10K 5% | 1/4W | C1527 | 1-124-477-11 | ELECT 47MF 20% | 25V |
| R726 | 1-249-407-11 | CARBON 150 5% | 1/4W | C1528 | 1-136-153-00 | FILM 0.01MF 5% | 50V |
| R727 | 1-249-429-11 | CARBON 10K 5% | 1/4W | C1529 | 1-124-907-11 | ELECT 10MF 20% | 50V |
| R728 | 1-249-407-11 | CARBON 150 5% | 1/4W | C1530 | 1-126-320-11 | ELECT 10MF 20% | 16V |
| | | | | C1531 | 1-136-153-00 | FILM 0.01MF 5% | 50V |
| | | | | C1533 | 1-124-925-11 | ELECT 2.2MF 20% | 50V |
| | | | | C1536 | 1-126-233-11 | ELECT 22MF 20% | 50V |

D

| REF.NO. | PART NO. | DESCRIPTION | REMARK | REF.NO. | PART NO. | DESCRIPTION | REMARK |
|--------------|---------------|-------------------------------|-----------------|------------|--------------|-------------------------|--------------|
| C1537 | 1-126-320-11 | ELECT | 10MF 20% 16V | Q1507 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | |
| C1538 | 1-124-477-11 | ELECT | 47MF 20% 16V | Q1508 | 8-729-140-97 | TRANSISTOR 2SB734-34 | |
| C1539 | 1-136-165-00 | FILM | 0.1MF 5% 50V | Q1509 | 8-729-140-97 | TRANSISTOR 2SB734-34 | |
| C1540 | 1-136-165-00 | FILM | 0.1MF 5% 50V | Q1510 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | |
| C1541 | 1-126-529-11 | ELECT | 0.47MF 20% 50V | Q1511 | 8-729-423-44 | TRANSISTOR 2SA1309A-QRS | |
| C1542 | 1-136-103-00 | FILM | 0.1MF 5% 200V | Q1512 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | |
| C1543 | 1-106-228-00 | MYLAR | 0.22MF 10% 100V | Q1513 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | |
| C1544 | 1-124-120-11 | ELECT | 220MF 20% 16V | Q1514 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | |
| C1549 | 1-124-927-11 | ELECT | 4.7MF 20% 50V | Q1515 | 8-729-423-44 | TRANSISTOR 2SA1309A-QRS | |
| C1570 | 1-124-927-11 | ELECT | 4.7MF 20% 50V | Q1516 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | |
| C1571 | 1-124-798-11 | ELECT | 1MF 20% 160V | Q1517 | 8-729-423-44 | TRANSISTOR 2SA1309A-QRS | |
| <CONNECTOR> | | | | Q1518 | 8-729-140-96 | TRANSISTOR 2SD774-34 | |
| D1 | *1-564-507-11 | PLUG, CONNECTOR 4P | | Q1519 | 8-729-140-96 | TRANSISTOR 2SD774-34 | |
| D6 | *1-564-506-11 | PLUG, CONNECTOR 3P | | Q1520 | 8-729-208-72 | TRANSISTOR 2SC3298B-Y | |
| D84 | *1-564-508-11 | PLUG, CONNECTOR 5P | | <RESISTOR> | | | |
| D85 | *1-560-290-00 | PLUG, CONNECTOR (2.5MM PITCH) | | R1501 | 1-249-409-11 | CARBON | 220 5% 1/4W |
| DY2 | *1-508-765-00 | PIN, CONNECTOR (5MM PITCH) 3P | | R1502 | 1-249-409-11 | CARBON | 220 5% 1/4W |
| <DIODE> | | | | R1504 | 1-215-892-11 | METAL OXIDE | 1K 5% 2W F |
| D1501 | 8-719-911-19 | DIODE 1SS119 | | R1505 | 1-249-417-11 | CARBON | 1K 5% 1/4W |
| D1502 | 8-719-300-33 | DIODE RU-3AM | | R1506 | 1-249-423-11 | CARBON | 3.3K 5% 1/4W |
| D1503 | 8-719-980-78 | DIODE ERA83-006 | | R1507 | 1-249-410-11 | CARBON | 270 5% 1/4W |
| D1504 | 8-719-980-78 | DIODE ERA83-006 | | R1508 | 1-249-437-11 | CARBON | 47K 5% 1/4W |
| D1505 | 8-719-911-19 | DIODE 1SS119 | | R1509 | 1-249-429-11 | CARBON | 10K 5% 1/4W |
| D1506 | 8-719-911-19 | DIODE 1SS119 | | R1510 | 1-215-461-00 | METAL | 47K 1% 1/4W |
| D1507 | 8-719-911-19 | DIODE 1SS119 | | R1511 | 1-249-429-11 | CARBON | 10K 5% 1/4W |
| D1508 | 8-719-801-35 | THYRISTOR SHOR3D42 | | R1512 | 1-249-421-11 | CARBON | 2.2K 5% 1/4W |
| D1510 | 8-719-911-19 | DIODE 1SS119 | | R1513 | 1-249-435-11 | CARBON | 33K 5% 1/4W |
| D1511 | 8-719-911-19 | DIODE 1SS119 | | R1514 | 1-249-429-11 | CARBON | 10K 5% 1/4W |
| D1512 | 8-719-109-68 | DIODE RD3.6ES-B1 | | R1515 | 1-249-421-11 | CARBON | 2.2K 5% 1/4W |
| D1513 | 8-719-979-85 | DIODE EGP20G | | R1516 | 1-249-421-11 | CARBON | 2.2K 5% 1/4W |
| D1516 | 8-719-911-19 | DIODE 1SS119 | | R1517 | 1-249-425-11 | CARBON | 4.7K 5% 1/4W |
| D1517 | 8-719-979-85 | DIODE EGP20G | | R1518 | 1-249-429-11 | CARBON | 10K 5% 1/4W |
| D1518 | 8-719-911-19 | DIODE 1SS119 | | R1519 | 1-249-441-11 | CARBON | 100K 5% 1/4W |
| D1519 | 8-719-911-19 | DIODE 1SS119 | | R1520 | 1-249-429-11 | CARBON | 10K 5% 1/4W |
| <IC> | | | | R1521 | 1-249-441-11 | CARBON | 100K 5% 1/4W |
| IC1501 | 8-759-987-16 | IC LM393P | | R1522 | 1-249-427-11 | CARBON | 6.8K 5% 1/4W |
| IC1502 | 8-759-982-34 | IC RC78M09FA | | R1523 | 1-249-435-11 | CARBON | 33K 5% 1/4W |
| IC1503 | 8-759-135-80 | IC UPC358C | | R1524 | 1-249-421-11 | CARBON | 2.2K 5% 1/4W |
| IC1504 | 8-759-929-62 | IC LM7812CT | | R1525 | 1-249-423-11 | CARBON | 3.3K 5% 1/4W |
| IC1505 | 8-759-135-80 | IC UPC358C | | R1526 | 1-249-435-11 | CARBON | 33K 5% 1/4W |
| IC1506 | 8-752-052-88 | IC CXA1526P | | R1527 | 1-247-713-11 | CARBON | 1K 5% 1/4W F |
| <COIL> | | | | R1528 | 1-249-438-11 | CARBON | 56K 5% 1/4W |
| L1502 | 1-459-592-11 | COIL (WITH CORE) (PMC) | | R1529 | 1-249-434-11 | CARBON | 27K 5% 1/4W |
| L1503 | 1-408-247-00 | INDUCTOR 33MMH | | R1531 | 1-249-429-11 | CARBON | 10K 5% 1/4W |
| L1504 | 1-459-941-12 | COIL, CHOKE 3.4MMH | | R1532 | 1-216-379-11 | METAL OXIDE | 6.8 5% 2W F |
| L1505 | 1-459-104-00 | COIL, DUST CORE | | R1533 | 1-249-417-11 | CARBON | 1K 5% 1/4W |
| L1506 | 1-459-592-11 | COIL (WITH CORE) (PMC) | | R1534 | 1-249-423-11 | CARBON | 3.3K 5% 1/4W |
| L1507 | 1-459-941-12 | COIL, CHOKE 3.4MMH | | R1535 | 1-249-425-11 | CARBON | 4.7K 5% 1/4W |
| <TRANSISTOR> | | | | R1536 | 1-215-857-11 | METAL OXIDE | 10 5% 1W F |
| Q1501 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | | R1537 | 1-249-404-00 | CARBON | 82 5% 1/4W |
| Q1502 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | | R1538 | 1-216-379-11 | METAL OXIDE | 6.8 5% 2W F |
| Q1503 | 8-729-423-44 | TRANSISTOR 2SA1309A-QRS | | R1539 | 1-215-875-11 | METAL OXIDE | 10K 5% 1W F |
| Q1504 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | | R1540 | 1-249-413-11 | CARBON | 470 5% 1/4W |
| Q1505 | 8-729-140-96 | TRANSISTOR 2SD774-34 | | R1541 | 1-249-441-11 | CARBON | 100K 5% 1/4W |
| | | | | R1542 | 1-249-423-11 | CARBON | 3.3K 5% 1/4W |
| | | | | R1543 | 1-249-414-11 | CARBON | 560 5% 1/4W |
| | | | | R1544 | 1-249-417-11 | CARBON | 1K 5% 1/4W |
| | | | | R1545 | 1-249-411-11 | CARBON | 330 5% 1/4W |
| | | | | R1546 | 1-215-887-00 | METAL OXIDE | 150 5% 2W F |
| | | | | R1548 | 1-249-441-11 | CARBON | 100K 5% 1/4W |
| | | | | R1552 | 1-249-426-11 | CARBON | 5.6K 5% 1/4W |



| REF.NO. | PART NO. | DESCRIPTION | REMARK | REF.NO. | PART NO. | DESCRIPTION | REMARK |
|-------------------------------------|--------------|-----------------------|-------------------|-----------|--------------|--------------------------|------------|
| R1553 | 1-215-883-11 | METAL OXIDE | 33 5% 2W F | C1117 | 1-124-903-11 | ELECT 1MF | 20% 50V |
| R1554 | 1-249-393-11 | CARBON | 10 5% 1/4W | C1118 | 1-106-367-00 | MYLAR 0.01MF | 10% 100V |
| R1555 | 1-215-883-11 | METAL OXIDE | 33 5% 2W F | C1119 | 1-102-816-00 | CERAMIC 120PF | 5% 50V |
| R1556 | 1-249-438-11 | CARBON | 56K 5% 1/4W | C1123 | 1-126-101-11 | ELECT 100MF | 20% 16V |
| R1557 | 1-249-421-11 | CARBON | 2.2K 5% 1/4W | C1124 | 1-101-004-00 | CERAMIC 0.01MF | 50V |
| R1558 | 1-249-425-11 | CARBON | 4.7K 5% 1/4W | C1125 | 1-101-888-00 | CERAMIC 68PF | 5% 50V |
| R1559 | 1-249-429-11 | CARBON | 10K 5% 1/4W | C1126 | 1-102-935-00 | CERAMIC 2PF | 0.25PF 50V |
| R1560 | 1-247-889-00 | CARBON | 270K 5% 1/4W | C1127 | 1-102-943-00 | CERAMIC 6PF | 1PF 50V |
| R1561 | 1-249-429-11 | CARBON | 10K 5% 1/4W | C1131 | 1-124-034-51 | ELECT 33MF | 20% 16V |
| R1562 | 1-249-423-11 | CARBON | 3.3K 5% 1/4W | C1133 | 1-126-101-11 | ELECT 100MF | 20% 16V |
| R1564 | 1-249-437-11 | CARBON | 47K 5% 1/4W | C1134 | 1-101-004-00 | CERAMIC 0.01MF | 50V |
| R1565 | 1-249-437-11 | CARBON | 47K 5% 1/4W | C1135 | 1-124-034-51 | ELECT 33MF | 20% 16V |
| R1566 | 1-249-432-11 | CARBON | 18K 5% 1/4W | C1136 | 1-101-004-00 | CERAMIC 0.01MF | 50V |
| R1567 | 1-216-447-00 | METAL OXIDE | 27 5% 2W F | C1137 | 1-101-004-00 | CERAMIC 0.01MF | 50V |
| R1568 | 1-249-415-11 | CARBON | 680 5% 1/4W | C1138 | 1-124-034-51 | ELECT 33MF | 20% 16V |
| R1569 | 1-215-481-00 | METAL | 330K 1% 1/4W | C1139 | 1-101-004-00 | CERAMIC 0.01MF | 50V |
| R1570 | 1-249-433-11 | CARBON | 22K 5% 1/4W | C1140 | 1-101-004-00 | CERAMIC 0.01MF | 50V |
| R1571 | 1-249-423-11 | CARBON | 3.3K 5% 1/4W | C1141 | 1-106-383-00 | MYLAR 0.047MF | 10% 100V |
| R1572 | 1-249-419-11 | CARBON | 1.5K 5% 1/4W | C1143 | 1-124-902-00 | ELECT 0.47MF | 20% 50V |
| R1573 | 1-249-433-11 | CARBON | 22K 5% 1/4W | C1144 | 1-101-004-00 | CERAMIC 0.01MF | 50V |
| R1574 | 1-249-429-11 | CARBON | 10K 5% 1/4W | C1145 | 1-124-927-11 | ELECT 4.7MF | 20% 50V |
| R1575 | 1-249-429-11 | CARBON | 10K 5% 1/4W | C1146 | 1-124-927-11 | ELECT 4.7MF | 20% 50V |
| R1576 | 1-215-475-00 | METAL | 180K 1% 1/4W | C1149 | 1-101-004-00 | CERAMIC 0.01MF | 50V |
| R1578 | 1-249-437-11 | CARBON | 47K 5% 1/4W | C1150 | 1-106-359-00 | MYLAR 0.0047MF | 10% 100V |
| R1579 | 1-249-421-11 | CARBON | 2.2K 5% 1/4W | C1151 | 1-124-907-11 | ELECT 10MF | 20% 50V |
| R1580 | 1-249-427-11 | CARBON | 6.8K 5% 1/4W | C1152 | 1-124-034-51 | ELECT 33MF | 20% 16V |
| R1581 | 1-249-433-11 | CARBON | 22K 5% 1/4W | C1153 | 1-101-004-00 | CERAMIC 0.01MF | 50V |
| R1582 | 1-249-417-11 | CARBON | 1K 5% 1/4W | C1154 | 1-124-034-51 | ELECT 33MF | 20% 16V |
| R1583 | 1-249-429-11 | CARBON | 10K 5% 1/4W | C1155 | 1-124-902-00 | ELECT 0.47MF | 20% 50V |
| R1584 | 1-249-405-11 | CARBON | 100 5% 1/4W | C1156 | 1-124-034-51 | ELECT 33MF | 20% 16V |
| R1585 | 1-249-429-11 | CARBON | 10K 5% 1/4W | C1157 | 1-124-034-51 | ELECT 33MF | 20% 16V |
| R1586 | 1-247-895-00 | CARBON | 470K 5% 1/4W | C1158 | 1-102-111-00 | CERAMIC 270PF | 10% 50V |
| R1587 | 1-249-432-11 | CARBON | 18K 5% 1/4W | C1159 | 1-126-101-11 | ELECT 100MF | 20% 16V |
| R1588 | 1-249-429-11 | CARBON | 10K 5% 1/4W | C1160 | 1-102-947-00 | CERAMIC 10PF | 0.5PF 50V |
| R1594 | 1-216-452-11 | METAL OXIDE | 180 5% 2W F | C1161 | 1-102-074-00 | CERAMIC 0.001MF | 10% 50V |
| R1598 | 1-216-447-00 | METAL OXIDE | 27 5% 2W F | C1162 | 1-124-034-51 | ELECT 33MF | 20% 16V |
| R1601 | 1-216-450-00 | METAL OXIDE | 180 5% 2W F | | | | |
| R1603 | 1-216-375-01 | METAL OXIDE | 2.2 5% 2W F | | | | |
| R1604 | 1-249-439-11 | CARBON | 68K 5% 1/4W | | | | |
| R1605 | 1-249-434-11 | CARBON | 27K 5% 1/4W | | | | |
| R1606 | 1-215-883-11 | METAL OXIDE | 33 5% 2W F | | | | |
| <VARIABLE RESISTOR> | | | | <NETWORK> | | | |
| RV1507 | 1-238-552-11 | RES, ADJ, CARBON 470K | | CP1101 | 1-236-176-11 | NETWORK, RES, THICK FILM | |
| ***** | | | | CP1102 | 1-236-176-11 | NETWORK, RES, THICK FILM | |
| *A-1347-039-A V BOARD, COMPLETE | | | | CP1103 | 1-236-176-11 | NETWORK, RES, THICK FILM | |
| ***** | | | | <DIODE> | | | |
| *4-376-533-01 CASE (MAIN), SHIELD | | | | D1101 | 8-713-300-57 | DIODE 1T33 | |
| *4-376-535-01 CASE (BOTTOM), SHIELD | | | | D1102 | 8-713-300-57 | DIODE 1T33 | |
| <CAPACITOR> | | | | <FILTER> | | | |
| C1104 | 1-102-125-00 | CERAMIC | 0.0047MF 10% 50V | FL1101 | 1-236-129-11 | ENCAPSULATED COMPONENT | |
| C1105 | 1-126-101-11 | ELECT | 100MF 20% 16V | FL1103 | 1-236-129-11 | ENCAPSULATED COMPONENT | |
| C1106 | 1-102-125-00 | CERAMIC | 0.0047MF 10% 50V | FL1109 | 1-236-129-11 | ENCAPSULATED COMPONENT | |
| C1107 | 1-126-101-11 | ELECT | 100MF 20% 16V | FL1110 | 1-236-129-11 | ENCAPSULATED COMPONENT | |
| C1108 | 1-101-888-00 | CERAMIC | 68PF 5% 50V | FL1111 | 1-236-164-11 | ENCAPSULATED COMPONENT | |
| C1112 | 1-102-816-00 | CERAMIC | 120PF 5% 50V | FL1116 | 1-236-071-11 | ENCAPSULATED COMPONENT | |
| C1113 | 1-102-973-00 | CERAMIC | 100PF 5% 50V | FL1120 | 1-236-164-11 | ENCAPSULATED COMPONENT | |
| C1114 | 1-106-355-12 | MYLAR | 0.0033MF 10% 100V | FL1121 | 1-236-129-11 | ENCAPSULATED COMPONENT | |
| C1115 | 1-102-973-00 | CERAMIC | 100PF 5% 50V | FL1129 | 1-236-163-11 | ENCAPSULATED COMPONENT | |
| | | | | FL1130 | 1-236-163-11 | ENCAPSULATED COMPONENT | |
| | | | | FL1132 | 1-236-071-11 | ENCAPSULATED COMPONENT | |
| | | | | FL1144 | 1-236-129-11 | ENCAPSULATED COMPONENT | |
| | | | | FL1147 | 1-236-163-11 | ENCAPSULATED COMPONENT | |
| | | | | FL1148 | 1-236-163-11 | ENCAPSULATED COMPONENT | |

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The components identified by shading and mark **A** are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et par une marque **A** sont d'une importance critique pour la sécurité. Ne les remplacer que par des pièces de numéro spécifié.


| REF.NO. | PART NO. | DESCRIPTION | REMARK | REF.NO. | PART NO. | DESCRIPTION | REMARK |
|--------------|--------------|------------------------|--------|---------------|-------------------|--------------------------|--------|
| <IC> | | | | R1134 | 1-215-432-00 | METAL 3K 1% 1/4W | |
| IC1101 | 8-752-332-83 | IC CXD1220AQ | | R1135 | 1-249-437-11 | CARBON 47K 5% 1/4W | |
| IC1102 | 8-759-925-74 | IC SN74HC04ANS | | R1137 | 1-249-401-11 | CARBON 47 5% 1/4W | |
| IC1103 | 8-759-925-74 | IC SN74HC04ANS | | | | | |
| IC1104 | 8-759-605-15 | IC M5M4C500L-10 | | R1140 | 1-249-427-11 | CARBON 6.8K 5% 1/4W | |
| IC1105 | 8-759-605-15 | IC M5M4C500L-10 | | <TRANSFORMER> | | | |
| IC1106 | 8-759-605-15 | IC M5M4C500L-10 | | T1101 | 1-404-607-11 | COIL | |
| IC1107 | 8-759-605-14 | IC M52678P | | T1102 | 1-404-607-11 | COIL | |
| IC1108 | 8-759-605-14 | IC M52678P | | <CONNECTOR> | | | |
| IC1109 | 8-759-011-65 | IC MC74HC4053F | | V1 | *1-566-057-11 | PIN, CONNECTOR 5P | |
| <COIL> | | | | V2 | *1-566-061-11 | PIN, CONNECTOR 9P | |
| L1101 | 1-410-663-31 | INDUCTOR 10UH | | V3 | *1-566-060-11 | PIN, CONNECTOR 8P | |
| L1102 | 1-410-645-31 | INDUCTOR 100UH | | ***** | | | |
| L1103 | 1-410-677-31 | INDUCTOR 180UH | | *1-638-780-11 | H7 BOARD | ***** | |
| L1104 | 1-410-663-31 | INDUCTOR 10UH | | | | | |
| L1105 | 1-410-663-31 | INDUCTOR 10UH | | *4-348-208-00 | HOLDER, LED | | |
| L1106 | 1-410-680-31 | INDUCTOR 330UH | | <CAPACITOR> | | | |
| L1107 | 1-410-663-31 | INDUCTOR 10UH | | C51 | 1-124-584-00 | ELECT 100MF 20% 10V | |
| <TRANSISTOR> | | | | C52 | 1-126-160-11 | ELECT 1MF 20% 50V | |
| Q1101 | 8-729-119-76 | TRANSISTOR 2SA1175-HFE | | C53 | 1-124-465-00 | ELECT 0.47MF 20% 50V | |
| Q1102 | 8-729-119-76 | TRANSISTOR 2SA1175-HFE | | <DIODE> | | | |
| Q1103 | 8-729-119-76 | TRANSISTOR 2SA1175-HFE | | D4 | 8-719-911-19 | DIODE 1SS119 | |
| Q1104 | 8-729-119-78 | TRANSISTOR 2SC2785-HFE | | D8 | 8-719-911-19 | DIODE 1SS119 | |
| <RESISTOR> | | | | D52 | 8-719-812-41 | DIODE TLR124 | |
| R1101 | 1-249-417-11 | CARBON 1K 5% 1/4W | | D53 | 8-719-812-41 | DIODE TLR124 | |
| R1102 | 1-249-417-11 | CARBON 1K 5% 1/4W | | D54 | 8-719-911-19 | DIODE 1SS119 | |
| R1103 | 1-249-417-11 | CARBON 1K 5% 1/4W | | <CONNECTOR> | | | |
| R1104 | 1-249-423-11 | CARBON 3.3K 5% 1/4W | | H11 | *1-564-525-11 | PLUG, CONNECTOR 10P | |
| R1105 | 1-249-419-11 | CARBON 1.5K 5% 1/4W | | H12 | *1-564-524-11 | PLUG, CONNECTOR 9P | |
| R1106 | 1-249-409-11 | CARBON 220 5% 1/4W | | <IC> | | | |
| R1107 | 1-249-417-11 | CARBON 1K 5% 1/4W | | IC51 | 8-741-148-33 | IC SBX1483-59 | |
| R1108 | 1-249-417-11 | CARBON 1K 5% 1/4W | | <RESISTOR> | | | |
| R1109 | 1-249-417-11 | CARBON 1K 5% 1/4W | | R51 | 1-249-405-11 | CARBON 100 5% 1/4W | |
| R1110 | 1-249-439-11 | CARBON 68K 5% 1/4W | | R52 | 1-249-405-11 | CARBON 100 5% 1/4W | |
| R1111 | 1-249-417-11 | CARBON 1K 5% 1/4W | | R53 | 1-249-409-11 | CARBON 220 5% 1/4W | |
| R1112 | 1-249-438-11 | CARBON 56K 5% 1/4W | | R54 | 1-249-437-11 | CARBON 47K 5% 1/4W | |
| R1113 | 1-249-441-11 | CARBON 100K 5% 1/4W | | <SWITCH> | | | |
| R1114 | 1-249-417-11 | CARBON 1K 5% 1/4W | | S51 | 1-572-198-11 | SWITCH, KEYBOARD (POWER) | |
| R1115 | 1-249-421-11 | CARBON 2.2K 5% 1/4W | | S52 | 1-572-198-11 | SWITCH, KEYBOARD | |
| R1116 | 1-249-431-11 | CARBON 15K 5% 1/4W | | S53 | 1-572-198-11 | SWITCH, KEYBOARD | |
| R1117 | 1-249-438-11 | CARBON 56K 5% 1/4W | | S54 | 1-572-198-11 | SWITCH, KEYBOARD | |
| R1118 | 1-249-441-11 | CARBON 100K 5% 1/4W | | S55 | 1-572-198-11 | SWITCH, KEYBOARD | |
| R1119 | 1-249-439-11 | CARBON 68K 5% 1/4W | | S56 | 1-572-198-11 | SWITCH, KEYBOARD | |
| R1120 | 1-249-409-11 | CARBON 220 5% 1/4W | | ***** | | | |
| R1121 | 1-249-409-11 | CARBON 220 5% 1/4W | | *A-1371-733-A | W BOARD, COMPLETE | ***** | |
| R1122 | 1-249-417-11 | CARBON 1K 5% 1/4W | | | | | |
| R1123 | 1-249-423-11 | CARBON 3.3K 5% 1/4W | | | | | |
| R1124 | 1-249-431-11 | CARBON 15K 5% 1/4W | | | | | |
| R1125 | 1-249-417-11 | CARBON 1K 5% 1/4W | | | | | |
| R1126 | 1-249-423-11 | CARBON 3.3K 5% 1/4W | | | | | |
| R1127 | 1-249-431-11 | CARBON 15K 5% 1/4W | | | | | |
| R1128 | 1-249-417-11 | CARBON 1K 5% 1/4W | | | | | |
| R1129 | 1-249-423-11 | CARBON 3.3K 5% 1/4W | | | | | |
| R1130 | 1-249-431-11 | CARBON 15K 5% 1/4W | | | | | |
| R1131 | 1-249-417-11 | CARBON 1K 5% 1/4W | | | | | |
| R1133 | 1-249-417-11 | CARBON 1K 5% 1/4W | | | | | |

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RM-Y108

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| REF. NO. | PART NO. | DESCRIPTION | REMARK | REF. NO. | PART NO. | DESCRIPTION | REMARK |
|--------------|--------------|-------------|-----------------|------------------------|---------------|-------------------------------|-----------------|
| <CAPACITOR> | | | | | | | |
| C2752 | 1-164-085-11 | CERAMIC | 0.001MF 10% 50V | R2769 | 1-249-385-11 | CARBON | 2.2 5% 1/4W F |
| C2753 | 1-124-925-11 | ELECT | 2.2MF 20% 50V | R2770 | 1-249-435-11 | CARBON | 33K 5% 1/4W |
| C2754 | 1-164-079-11 | CERAMIC | 330PF 10% 50V | R2771 | 1-249-427-11 | CARBON | 6.8K 5% 1/4W |
| C2761 | 1-161-830-00 | CERAMIC | 0.0047MF 500V | R2774 | 1-215-886-11 | METAL OXIDE | 100 5% 2W F |
| C2762 | 1-164-054-11 | CERAMIC | 22PF 5% 50V | R2775 | 1-249-417-11 | CARBON | 1K 5% 1/4W F |
| C2763 | 1-123-935-00 | ELECT | 33MF 20% 160V | R2776 | 1-249-432-11 | CARBON | 18K 5% 1/4W |
| C2764 | 1-124-120-11 | ELECT | 220MF 20% 16V | R2777 | 1-249-438-11 | CARBON | 56K 5% 1/4W |
| C2766 | 1-164-066-11 | CERAMIC | 68PF 5% 50V | R2778 | 1-249-429-11 | CARBON | 10K 5% 1/4W |
| C2767 | 1-102-244-00 | CERAMIC | 220PF 10% 500V | R2779 | 1-249-414-11 | CARBON | 560 5% 1/4W |
| C2768 | 1-106-383-00 | MYLAR | 0.047MF 200V | R2780 | 1-249-419-11 | CARBON | 1.5K 5% 1/4W |
| C2769 | 1-124-799-11 | ELECT | 2.2MF 20% 160V | R2781 | 1-249-410-11 | CARBON | 270 5% 1/4W |
| C2770 | 1-106-391-12 | MYLAR | 0.1MF 10% 200V | R2782 | 1-249-385-11 | CARBON | 2.2 5% 1/4W F |
| C2771 | 1-124-907-11 | ELECT | 10MF 20% 50V | R2783 | 1-249-441-11 | CARBON | 100K 5% 1/4W |
| C2772 | 1-126-101-11 | ELECT | 100MF 20% 16V | R2784 | 1-249-405-11 | CARBON | 100 5% 1/4W |
| C2773 | 1-106-383-00 | MYLAR | 0.047MF 200V | R2785 | 1-249-402-11 | CARBON | 56 5% 1/4W F |
| C2774 | 1-164-064-11 | CERAMIC | 56PF 5% 50V | R2786 | 1-249-436-11 | CARBON | 39K 5% 1/4W |
| C2775 | 1-124-120-11 | ELECT | 220MF 20% 16V | R2787 | 1-249-432-11 | CARBON | 18K 5% 1/4W |
| C2776 | 1-124-907-11 | ELECT | 10MF 20% 50V | R2788 | 1-249-417-11 | CARBON | 1K 5% 1/4W |
| C2778 | 1-164-085-11 | CERAMIC | 0.001MF 10% 50V | R2789 | 1-249-417-11 | CARBON | 1K 5% 1/4W |
| C2779 | 1-164-085-11 | CERAMIC | 0.001MF 10% 50V | R2790 | 1-216-451-11 | METAL OXIDE | 120 5% 2W F |
| C2780 | 1-124-907-11 | ELECT | 10MF 20% 50V | R2791 | 1-249-412-11 | CARBON | 390 5% 1/4W |
| <DIODE> | | | | R2792 | 1-216-450-00 | METAL OXIDE | 82 5% 2W F |
| D2761 | 8-719-911-19 | DIODE | 1SS119 | <CONNECTOR> | | | |
| D2763 | 8-719-911-19 | DIODE | 1SS119 | W1 | *1-564-507-11 | PLUG, CONNECTOR 4P | |
| D2764 | 8-719-911-19 | DIODE | 1SS119 | W2 | *1-564-507-11 | PLUG, CONNECTOR 4P | |
| D2765 | 8-719-911-19 | DIODE | 1SS119 | ***** | | | |
| D2766 | 8-719-911-19 | DIODE | 1SS119 | *1-638-781-11 Y1 BOARD | | | |
| D2767 | 8-719-110-90 | DIODE | RD39ES-B4 | ***** | | | |
| D2768 | 8-719-110-90 | DIODE | RD39ES-B4 | <CONNECTOR> | | | |
| <COIL> | | | | Y1-25 | *1-565-509-11 | CONNECTOR, BOARD TO BOARD 18P | |
| L2762 | 1-408-418-00 | INDUCTOR | 56UH | Y1-72 | *1-564-525-11 | PLUG, CONNECTOR 10P | |
| L2763 | 1-408-417-00 | INDUCTOR | 47UH | Y1-73 | *1-564-521-11 | PLUG, CONNECTOR 6P | |
| <TRANSISTOR> | | | | ***** | | | |
| Q2761 | 8-729-423-37 | TRANSISTOR | 2SC3311A-QRS | *1-638-779-11 Y BOARD | | | |
| Q2762 | 8-729-423-44 | TRANSISTOR | 2SA1309A-QRS | ***** | | | |
| Q2763 | 8-729-208-39 | TRANSISTOR | 2SA1306A-Y | <CAPACITOR> | | | |
| Q2764 | 8-729-423-37 | TRANSISTOR | 2SC3311A-QRS | C900 | 1-124-927-11 | ELECT | 4.7MF 20% 50V |
| Q2765 | 8-729-208-72 | TRANSISTOR | 2SC3298B-Y | C901 | 1-126-101-11 | ELECT | 100MF 20% 16V |
| Q2766 | 8-729-423-37 | TRANSISTOR | 2SC3311A-QRS | C903 | 1-124-907-11 | ELECT | 10MF 20% 50V |
| Q2767 | 8-729-140-96 | TRANSISTOR | 2SD774-34 | C904 | 1-124-927-11 | ELECT | 4.7MF 20% 50V |
| Q2768 | 8-729-423-37 | TRANSISTOR | 2SC3311A-QRS | C905 | 1-126-101-11 | ELECT | 100MF 20% 16V |
| <RESISTOR> | | | | C906 | 1-124-907-11 | ELECT | 10MF 20% 50V |
| R2751 | 1-249-429-11 | CARBON | 10K 5% 1/4W | C907 | 1-126-101-11 | ELECT | 100MF 20% 16V |
| R2752 | 1-249-432-11 | CARBON | 18K 5% 1/4W | C908 | 1-126-101-11 | ELECT | 100MF 20% 16V |
| R2753 | 1-249-437-11 | CARBON | 47K 5% 1/4W | C909 | 1-136-165-00 | FILM | 0.1MF 5% 50V |
| R2761 | 1-249-397-11 | CARBON | 22 5% 1/4W F | C910 | 1-136-155-00 | FILM | 0.015MF 5% 50V |
| R2762 | 1-249-409-11 | CARBON | 220 5% 1/4W | C911 | 1-130-479-00 | MYLAR | 0.0047MF 5% 50V |
| R2763 | 1-249-420-11 | CARBON | 1.8K 5% 1/4W | C912 | 1-124-907-11 | ELECT | 10MF 20% 50V |
| R2764 | 1-247-736-11 | CARBON | 56 5% 1/2W F | C913 | 1-136-165-00 | FILM | 0.1MF 5% 50V |
| R2765 | 1-249-414-11 | CARBON | 560 5% 1/4W F | C914 | 1-130-479-00 | MYLAR | 0.0047MF 5% 50V |
| R2766 | 1-249-418-11 | CARBON | 1.2K 5% 1/4W | C915 | 1-136-155-00 | FILM | 0.015MF 5% 50V |
| R2768 | 1-249-420-11 | CARBON | 1.8K 5% 1/4W | C916 | 1-126-101-11 | ELECT | 100MF 20% 16V |
| | | | | C921 | 1-136-165-00 | FILM | 0.1MF 5% 50V |
| | | | | <DIODE> | | | |

The components identified by shading and mark  are critical for safety.
Replace only with part number specified.

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| REF.NO. | PART NO. | DESCRIPTION | REMARK | REF.NO. | PART NO. | DESCRIPTION | REMARK |
|--------------------------------|--------------|-------------------------|---------|---------|--------------|------------------|---------|
| Q2455 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | | C405 | 1-126-233-11 | ELECT 22MF | 20% 25V |
| Q2456 | 8-729-423-44 | TRANSISTOR 2SA1309A-QRS | | C407 | 1-124-903-11 | ELECT 1MF | 20% 50V |
| Q2457 | 8-729-119-78 | TRANSISTOR 2SC2785-HFE | | C408 | 1-124-903-11 | ELECT 1MF | 20% 50V |
| Q2458 | 8-729-423-44 | TRANSISTOR 2SA1309A-QRS | | C409 | 1-126-233-11 | ELECT 22MF | 20% 25V |
| <RESISTOR> | | | | C410 | 1-124-907-11 | ELECT 10MF | 20% 50V |
| R2424 | 1-215-421-00 | METAL 1K 1% | 1/4W | C411 | 1-126-233-11 | ELECT 22MF | 20% 25V |
| R2425 | 1-215-409-00 | METAL 330 1% | 1/4W | C413 | 1-124-903-11 | ELECT 1MF | 20% 50V |
| R2426 | 1-215-409-00 | METAL 330 1% | 1/4W | C414 | 1-124-903-11 | ELECT 1MF | 20% 50V |
| R2427 | 1-215-421-00 | METAL 1K 1% | 1/4W | C415 | 1-126-233-11 | ELECT 22MF | 20% 25V |
| R2439 | 1-249-441-11 | CARBON 100K 5% | 1/4W | C418 | 1-124-478-11 | ELECT 100MF | 20% 25V |
| R2440 | 1-249-413-11 | CARBON 470 5% | 1/4W | C419 | 1-124-478-11 | ELECT 100MF | 20% 25V |
| R2441 | 1-249-435-11 | CARBON 33K 5% | 1/4W | C420 | 1-124-477-11 | ELECT 47MF | 20% 16V |
| R2442 | 1-249-441-11 | CARBON 100K 5% | 1/4W | C421 | 1-126-103-11 | ELECT 470MF | 20% 16V |
| R2443 | 1-249-413-11 | CARBON 470 5% | 1/4W | C422 | 1-126-103-11 | ELECT 470MF | 20% 16V |
| R2444 | 1-249-430-11 | CARBON 12K 5% | 1/4W | C423 | 1-101-004-00 | CERAMIC 0.01MF | 50V |
| R2445 | 1-249-430-11 | CARBON 12K 5% | 1/4W | C424 | 1-126-233-11 | ELECT 22MF | 20% 25V |
| R2446 | 1-249-441-11 | CARBON 100K 5% | 1/4W | C425 | 1-126-233-11 | ELECT 22MF | 20% 25V |
| R2447 | 1-249-439-11 | CARBON 68K 5% | 1/4W | C426 | 1-124-589-11 | ELECT 47MF | 20% 16V |
| R2451 | 1-249-441-11 | CARBON 100K 5% | 1/4W | C427 | 1-102-125-00 | CERAMIC 0.0047MF | 10% 50V |
| R2452 | 1-249-441-11 | CARBON 100K 5% | 1/4W | C428 | 1-126-233-11 | ELECT 22MF | 20% 25V |
| R2453 | 1-249-405-11 | CARBON 100 5% | 1/4W | C429 | 1-124-589-11 | ELECT 47MF | 20% 16V |
| R2454 | 1-215-437-00 | METAL 4.7K 1% | 1/4W | C430 | 1-126-233-11 | ELECT 22MF | 20% 25V |
| R2455 | 1-215-427-00 | METAL 1.8K 1% | 1/4W | C431 | 1-124-478-11 | ELECT 100MF | 20% 25V |
| R2456 | 1-249-441-11 | CARBON 100K 5% | 1/4W | C433 | 1-126-233-11 | ELECT 22MF | 20% 25V |
| R2457 | 1-249-441-11 | CARBON 100K 5% | 1/4W | C434 | 1-126-233-11 | ELECT 22MF | 20% 25V |
| R2458 | 1-249-405-11 | CARBON 100 5% | 1/4W | C435 | 1-124-903-11 | ELECT 1MF | 20% 50V |
| R2459 | 1-249-421-11 | CARBON 2.2K 5% | 1/4W | C436 | 1-124-903-11 | ELECT 1MF | 20% 50V |
| R2460 | 1-249-421-11 | CARBON 2.2K 5% | 1/4W | C437 | 1-126-233-11 | ELECT 22MF | 20% 25V |
| R2463 | 1-249-435-11 | CARBON 33K 5% | 1/4W | C438 | 1-124-598-11 | ELECT 22MF | 20% 25V |
| R2464 | 1-249-441-11 | CARBON 100K 5% | 1/4W | C439 | 1-126-233-11 | ELECT 22MF | 20% 25V |
| R2465 | 1-215-423-00 | METAL 1.2K 1% | 1/4W | C440 | 1-124-477-11 | ELECT 47MF | 20% 16V |
| R2466 | 1-215-417-00 | METAL 680 1% | 1/4W | C441 | 1-124-477-11 | ELECT 47MF | 20% 16V |
| R2468 | 1-215-387-00 | METAL 39 1% | 1/4W | C442 | 1-126-233-11 | ELECT 22MF | 20% 25V |
| R2469 | 1-215-387-00 | METAL 39 1% | 1/4W | C445 | 1-124-589-11 | ELECT 47MF | 20% 16V |
| R2470 | 1-249-389-91 | CARBON 4.7 5% | 1/4W | C462 | 1-124-589-11 | ELECT 47MF | 20% 16V |
| R2471 | 1-249-389-91 | CARBON 4.7 5% | 1/4W | C490 | 1-101-004-00 | CERAMIC 0.01MF | 50V |
| R2473 | 1-249-421-11 | CARBON 2.2K 5% | 1/4W | C491 | 1-124-477-11 | ELECT 47MF | 20% 16V |
| R2474 | 1-249-421-11 | CARBON 2.2K 5% | 1/4W | C492 | 1-126-233-11 | ELECT 22MF | 20% 25V |
| R2483 | 1-215-437-00 | METAL 4.7K 1% | 1/4W | C493 | 1-124-477-11 | ELECT 47MF | 20% 16V |
| R2484 | 1-215-427-00 | METAL 1.8K 1% | 1/4W | C494 | 1-102-106-00 | CERAMIC 100PF | 10% 50V |
| R2487 | 1-249-430-11 | CARBON 12K 5% | 1/4W | C495 | 1-164-070-11 | CERAMIC 100PF | 5% 50V |
| R2488 | 1-249-430-11 | CARBON 12K 5% | 1/4W | C1402 | 1-124-589-11 | ELECT 47MF | 20% 16V |
| R2489 | 1-215-423-00 | METAL 1.2K 1% | 1/4W | C1403 | 1-124-589-11 | ELECT 47MF | 20% 16V |
| R2491 | 1-215-387-00 | METAL 39 1% | 1/4W | <DIODE> | | | |
| R2492 | 1-215-417-00 | METAL 680 1% | 1/4W | D401 | 8-719-109-97 | DIODE RD6.8ES-B2 | |
| R2493 | 1-215-387-00 | METAL 39 1% | 1/4W | D402 | 8-719-110-13 | DIODE RD9.1ES-B2 | |
| R2494 | 1-249-389-91 | CARBON 4.7 5% | 1/4W | D403 | 8-719-109-97 | DIODE RD6.8ES-B2 | |
| R2495 | 1-249-389-91 | CARBON 4.7 5% | 1/4W | D408 | 8-719-109-97 | DIODE RD6.8ES-B2 | |
| R2497 | 1-249-421-11 | CARBON 2.2K 5% | 1/4W | D409 | 8-719-109-97 | DIODE RD6.8ES-B2 | |
| R2498 | 1-249-421-11 | CARBON 2.2K 5% | 1/4W | D410 | 8-719-110-13 | DIODE RD9.1ES-B2 | |
| ***** | | | | D411 | 8-719-109-97 | DIODE RD6.8ES-B2 | |
| A-1394-281-A U BOARD, COMPLETE | | | | D415 | 8-719-110-17 | DIODE RD10ES-B2 | |
| ***** | | | | D418 | 8-719-911-19 | DIODE 1SS119 | |
| *4-341-752-01 EYELET (EY1-EY5) | | | | D419 | 8-719-911-19 | DIODE 1SS119 | |
| <CAPACITOR> | | | | D421 | 8-719-109-97 | DIODE RD6.8ES-B2 | |
| C401 | 1-126-233-11 | ELECT 22MF | 20% 25V | D422 | 8-719-109-97 | DIODE RD6.8ES-B2 | |
| C402 | 1-101-004-00 | CERAMIC 0.01MF | 50V | D423 | 8-719-109-97 | DIODE RD6.8ES-B2 | |
| C403 | 1-124-903-11 | ELECT 1MF | 20% 50V | D424 | 8-719-109-97 | DIODE RD6.8ES-B2 | |
| C404 | 1-124-903-11 | ELECT 1MF | 20% 50V | D425 | 8-719-109-97 | DIODE RD6.8ES-B2 | |
| | | | | D426 | 8-719-109-97 | DIODE RD6.8ES-B2 | |
| | | | | D427 | 8-719-109-97 | DIODE RD6.8ES-B2 | |

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| REF.NO. | PART NO. | DESCRIPTION | REMARK | REF.NO. | PART NO. | DESCRIPTION | REMARK |
|--------------|--------------|-------------------------|--------------|---------|--------------|-------------|--------------|
| D428 | 8-719-109-97 | DIODE RD6.8ES-B2 | | R421 | 1-247-804-11 | CARBON | 75 5% 1/4W |
| D429 | 8-719-109-97 | DIODE RD6.8ES-B2 | | R422 | 1-247-895-00 | CARBON | 470K 5% 1/4W |
| <IC> | | | | R423 | 1-247-895-00 | CARBON | 470K 5% 1/4W |
| IC401 | 8-759-710-68 | IC NJM2245S | | R424 | 1-247-895-00 | CARBON | 470K 5% 1/4W |
| IC402 | 8-759-710-68 | IC NJM2245S | | R425 | 1-247-895-00 | CARBON | 470K 5% 1/4W |
| IC405 | 8-759-710-69 | IC NJM2233BS | | R426 | 1-249-424-11 | CARBON | 3.9K 5% 1/4W |
| IC444 | 8-752-053-17 | IC CXA1114P | | R427 | 1-247-895-00 | CARBON | 470K 5% 1/4W |
| IC1401 | 8-759-710-69 | IC NJM2233BS | | R428 | 1-249-424-11 | CARBON | 3.9K 5% 1/4W |
| <JACK> | | | | R429 | 1-249-434-11 | CARBON | 27K 5% 1/4W |
| J401 | 1-565-931-11 | TERMINAL BLOCK, S 3P | | R432 | 1-249-405-11 | CARBON | 100 5% 1/4W |
| J402 | 1-565-840-11 | PIN JACK BLOCK 6P | | R433 | 1-249-413-11 | CARBON | 470 5% 1/4W |
| J403 | 1-565-931-11 | TERMINAL BLOCK, S 3P | | R434 | 1-249-409-11 | CARBON | 220 5% 1/4W |
| J404 | 1-565-838-11 | JACK BLOCK, PIN 2P | | R435 | 1-249-403-11 | CARBON | 68 5% 1/4W |
| <COIL> | | | | R436 | 1-249-425-11 | CARBON | 4.7K 5% 1/4W |
| L401 | 1-408-412-00 | INDUCTOR 18UH | | R437 | 1-247-885-00 | CARBON | 180K 5% 1/4W |
| L404 | 1-410-663-31 | INDUCTOR 10UH | | R438 | 1-249-405-11 | CARBON | 100 5% 1/4W |
| <TRANSISTOR> | | | | R439 | 1-249-413-11 | CARBON | 470 5% 1/4W |
| Q401 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | | R440 | 1-249-417-11 | CARBON | 1K 5% 1/4W |
| Q402 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | | R441 | 1-249-409-11 | CARBON | 220 5% 1/4W |
| Q403 | 8-729-423-44 | TRANSISTOR 2SA1309A-QRS | | R447 | 1-249-409-11 | CARBON | 220 5% 1/4W |
| Q404 | 8-729-423-44 | TRANSISTOR 2SA1309A-QRS | | R448 | 1-249-409-11 | CARBON | 220 5% 1/4W |
| Q405 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | | R449 | 1-249-413-11 | CARBON | 470 5% 1/4W |
| Q406 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | | R450 | 1-249-409-11 | CARBON | 220 5% 1/4W |
| Q407 | 8-729-423-44 | TRANSISTOR 2SA1309A-QRS | | R451 | 1-249-421-11 | CARBON | 2.2K 5% 1/4W |
| Q408 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | | R452 | 1-249-433-11 | CARBON | 22K 5% 1/4W |
| Q409 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | | R457 | 1-249-405-11 | CARBON | 100 5% 1/4W |
| Q410 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | | R458 | 1-249-405-11 | CARBON | 100 5% 1/4W |
| Q411 | 8-729-423-44 | TRANSISTOR 2SA1309A-QRS | | R459 | 1-249-417-11 | CARBON | 1K 5% 1/4W |
| Q412 | 8-729-423-44 | TRANSISTOR 2SA1309A-QRS | | R460 | 1-249-405-11 | CARBON | 100 5% 1/4W |
| Q413 | 8-729-423-44 | TRANSISTOR 2SA1309A-QRS | | R461 | 1-249-417-11 | CARBON | 1K 5% 1/4W |
| Q414 | 8-729-423-44 | TRANSISTOR 2SA1309A-QRS | | R462 | 1-249-417-11 | CARBON | 1K 5% 1/4W |
| Q415 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | | R463 | 1-249-405-11 | CARBON | 100 5% 1/4W |
| Q416 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | | R465 | 1-249-417-11 | CARBON | 1K 5% 1/4W |
| Q491 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | | R466 | 1-249-405-11 | CARBON | 100 5% 1/4W |
| Q492 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | | R467 | 1-249-405-11 | CARBON | 100 5% 1/4W |
| Q1401 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | | R468 | 1-249-433-11 | CARBON | 22K 5% 1/4W |
| <RESISTOR> | | | | R469 | 1-249-433-11 | CARBON | 22K 5% 1/4W |
| R401 | 1-247-804-11 | CARBON | 75 5% 1/4W | R470 | 1-249-403-11 | CARBON | 68 5% 1/4W |
| R402 | 1-247-804-11 | CARBON | 75 5% 1/4W | R471 | 1-249-403-11 | CARBON | 68 5% 1/4W |
| R403 | 1-249-434-11 | CARBON | 27K 5% 1/4W | R472 | 1-249-403-11 | CARBON | 68 5% 1/4W |
| R404 | 1-247-885-00 | CARBON | 180K 5% 1/4W | R474 | 1-249-405-11 | CARBON | 100 5% 1/4W |
| R405 | 1-247-885-00 | CARBON | 180K 5% 1/4W | R475 | 1-249-417-11 | CARBON | 1K 5% 1/4W |
| R406 | 1-249-434-11 | CARBON | 27K 5% 1/4W | R476 | 1-249-433-11 | CARBON | 22K 5% 1/4W |
| R407 | 1-247-804-11 | CARBON | 75 5% 1/4W | R479 | 1-249-433-11 | CARBON | 22K 5% 1/4W |
| R409 | 1-249-434-11 | CARBON | 27K 5% 1/4W | R480 | 1-249-433-11 | CARBON | 22K 5% 1/4W |
| R410 | 1-247-885-00 | CARBON | 180K 5% 1/4W | R481 | 1-249-433-11 | CARBON | 22K 5% 1/4W |
| R411 | 1-247-804-11 | CARBON | 75 5% 1/4W | R483 | 1-249-417-11 | CARBON | 1K 5% 1/4W |
| R413 | 1-249-434-11 | CARBON | 27K 5% 1/4W | R484 | 1-215-455-00 | METAL | 27K 1% 1/4W |
| R414 | 1-247-885-00 | CARBON | 180K 5% 1/4W | R485 | 1-215-475-00 | METAL | 180K 1% 1/4W |
| R415 | 1-249-434-11 | CARBON | 27K 5% 1/4W | R486 | 1-215-455-00 | METAL | 27K 1% 1/4W |
| R416 | 1-247-885-00 | CARBON | 180K 5% 1/4W | R487 | 1-215-475-00 | METAL | 180K 1% 1/4W |
| R417 | 1-247-895-00 | CARBON | 470K 5% 1/4W | R488 | 1-249-433-11 | CARBON | 22K 5% 1/4W |
| R418 | 1-249-417-11 | CARBON | 1K 5% 1/4W | R489 | 1-249-433-11 | CARBON | 22K 5% 1/4W |
| R419 | 1-247-895-00 | CARBON | 470K 5% 1/4W | R490 | 1-249-417-11 | CARBON | 1K 5% 1/4W |
| R420 | 1-249-417-11 | CARBON | 1K 5% 1/4W | R491 | 1-249-417-11 | CARBON | 1K 5% 1/4W |
| | | | | R492 | 1-249-417-11 | CARBON | 1K 5% 1/4W |
| | | | | R493 | 1-249-431-11 | CARBON | 15K 5% 1/4W |
| | | | | R494 | 1-249-429-11 | CARBON | 10K 5% 1/4W |
| | | | | R495 | 1-249-417-11 | CARBON | 1K 5% 1/4W |
| | | | | R496 | 1-249-425-11 | CARBON | 4.7K 5% 1/4W |
| | | | | R497 | 1-249-417-11 | CARBON | 1K 5% 1/4W |
| | | | | R498 | 1-249-417-11 | CARBON | 1K 5% 1/4W |
| | | | | R1401 | 1-249-405-11 | CARBON | 100 5% 1/4W |

KV-29XBR85
RM-Y108



| REF. NO. | PART NO. | DESCRIPTION | REMARK | REF. NO. | PART NO. | DESCRIPTION | REMARK |
|---------------------------------|---------------|----------------------------|-----------------|--------------|--------------|-------------------------|----------------|
| R1402 | 1-249-405-11 | CARBON | 100 5% 1/4W | C7074 | 1-124-463-00 | ELECT | 0.1MF 20% 50V |
| R1403 | 1-249-417-11 | CARBON | 1K 5% 1/4W | C7075 | 1-102-978-00 | CERAMIC | 220PF 5% 50V |
| R1420 | 1-249-413-11 | CARBON | 470 5% 1/4W | C7201 | 1-124-910-11 | ELECT | 47MF 20% 50V |
| R1421 | 1-249-413-11 | CARBON | 470 5% 1/4W | C7202 | 1-102-129-00 | CERAMIC | 0.01MF 10% 50V |
| R1422 | 1-249-405-11 | CARBON | 100 5% 1/4W | C7203 | 1-102-978-00 | CERAMIC | 220PF 5% 50V |
| R1423 | 1-249-441-11 | CARBON | 100K 5% 1/4W | C7204 | 1-102-978-00 | CERAMIC | 220PF 5% 50V |
| R1424 | 1-249-429-11 | CARBON | 10K 5% 1/4W | <NETWORK> | | | |
| R1425 | 1-249-429-11 | CARBON | 10K 5% 1/4W | CP7201 | 1-236-479-11 | NETWORK, C | |
| <SWITCH> | | | | CP7203 | 1-236-479-11 | NETWORK, C | |
| S401 | 1-571-729-11 | SWITCH, SLIDE | | <DIODE> | | | |
| S402 | 1-554-303-21 | SWITCH, KEY BOARD | | D7001 | 8-719-911-19 | DIODE 1SS119 | |
| <CONNECTOR> | | | | D7002 | 8-719-911-19 | DIODE 1SS119 | |
| U3 | *1-564-519-11 | PLUG, CONNECTOR 4P | | D7003 | 8-719-911-19 | DIODE 1SS119 | |
| U4 | 1-564-523-11 | PLUG, CONNECTOR 8P | | D7004 | 8-719-911-19 | DIODE 1SS119 | |
| U5 | *1-568-377-11 | CONNECTOR, HINGE (TAB) 7P | | D7005 | 8-719-911-19 | DIODE 1SS119 | |
| U29 | *1-566-941-11 | CONNECTOR, HINGE (TAB) 30P | | D7006 | 8-719-911-19 | DIODE 1SS119 | |
| ***** | | | | D7008 | 8-719-911-19 | DIODE 1SS119 | |
| *A-1394-303-A T BOARD, COMPLETE | | | | D7009 | 8-719-911-19 | DIODE 1SS119 | |
| ***** | | | | D7010 | 8-719-911-19 | DIODE 1SS119 | |
| <CAPACITOR> | | | | D7011 | 8-719-911-19 | DIODE 1SS119 | |
| C7001 | 1-130-471-00 | MYLAR | 0.001MF 5% 50V | D7012 | 8-719-911-19 | DIODE 1SS119 | |
| C7002 | 1-130-471-00 | MYLAR | 0.001MF 5% 50V | D7013 | 8-719-911-19 | DIODE 1SS119 | |
| C7003 | 1-136-161-00 | FILM | 0.047MF 5% 50V | D7014 | 8-719-911-19 | DIODE 1SS119 | |
| C7004 | 1-124-907-11 | ELECT | 10MF 20% 50V | D7015 | 8-719-911-19 | DIODE 1SS119 | |
| C7005 | 1-102-965-00 | CERAMIC | 39PF 5% 50V | D7016 | 8-719-911-19 | DIODE 1SS119 | |
| C7006 | 1-130-471-00 | MYLAR | 0.001MF 5% 50V | D7017 | 8-719-110-06 | DIODE RD8.2ES-B1 | |
| C7007 | 1-136-153-00 | FILM | 0.01MF 5% 50V | D7018 | 8-719-109-93 | DIODE RD6.2ES-B2 | |
| C7009 | 1-124-903-11 | ELECT | 1MF 20% 50V | D7019 | 8-719-109-93 | DIODE RD6.2ES-B2 | |
| C7010 | 1-130-477-00 | MYLAR | 0.0033MF 5% 50V | D7020 | 8-719-109-93 | DIODE RD6.2ES-B2 | |
| C7012 | 1-102-965-00 | CERAMIC | 39PF 5% 50V | D7021 | 8-719-911-19 | DIODE 1SS119 | |
| C7013 | 1-102-978-00 | CERAMIC | 220PF 5% 50V | <IC> | | | |
| C7014 | 1-102-824-00 | CERAMIC | 470PF 5% 50V | IC7001 | 8-752-830-22 | IC CXP5068H-057S | |
| C7015 | 1-124-463-00 | ELECT | 0.1MF 20% 50V | IC7002 | 8-759-403-44 | IC MN1280-S | |
| C7016 | 1-124-657-00 | ELECT | 10MF 20% 50V | IC7201 | 8-759-929-62 | IC LM7812CT | |
| C7017 | 1-102-129-00 | CERAMIC | 0.01MF 10% 50V | <COIL> | | | |
| C7018 | 1-124-477-11 | ELECT | 47MF 20% 16V | L7001 | 1-410-671-31 | INDUCTOR 47UH | |
| C7019 | 1-124-477-11 | ELECT | 47MF 20% 16V | L7002 | 1-410-068-11 | INDUCTOR 5.6MMH | |
| C7021 | 1-124-477-11 | ELECT | 47MF 20% 16V | L7003 | 1-410-663-31 | INDUCTOR 10UH | |
| C7022 | 1-130-477-00 | MYLAR | 0.0033MF 5% 50V | L7004 | 1-410-478-11 | INDUCTOR 47UH | |
| C7024 | 1-101-005-00 | CERAMIC | 0.022MF 50V | <TRANSISTOR> | | | |
| C7027 | 1-124-477-11 | ELECT | 47MF 20% 16V | Q7001 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | |
| C7028 | 1-130-479-00 | MYLAR | 0.0047MF 5% 50V | Q7002 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | |
| C7029 | 1-124-902-00 | ELECT | 0.47MF 20% 50V | Q7003 | 8-729-600-12 | TRANSISTOR 2SK108-C | |
| C7030 | 1-130-471-00 | MYLAR | 0.001MF 5% 50V | Q7004 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | |
| C7031 | 1-101-888-00 | CERAMIC | 68PF 5% 50V | Q7005 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | |
| C7032 | 1-136-153-00 | FILM | 0.01MF 5% 50V | Q7006 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | |
| C7033 | 1-102-074-00 | CERAMIC | 0.001MF 10% 50V | Q7007 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | |
| C7034 | 1-102-113-00 | CERAMIC | 390PF 10% 50V | Q7008 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | |
| C7035 | 1-136-157-00 | FILM | 0.022MF 5% 50V | Q7009 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | |
| C7036 | 1-124-903-11 | ELECT | 1MF 20% 50V | Q7010 | 8-729-423-44 | TRANSISTOR 2SA1309A-QRS | |
| C7037 | 1-124-907-11 | ELECT | 10MF 20% 50V | Q7011 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | |
| C7039 | 1-126-157-11 | ELECT | 10MF 20% 16V | Q7012 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | |
| C7057 | 1-102-978-00 | CERAMIC | 220PF 5% 50V | Q7013 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | |
| C7070 | 1-124-925-11 | ELECT | 2.2MF 20% 50V | Q7014 | 8-729-423-44 | TRANSISTOR 2SA1309A-QRS | |
| C7071 | 1-102-978-00 | CERAMIC | 220PF 5% 50V | Q7015 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | |
| C7072 | 1-126-101-11 | ELECT | 100MF 20% 16V | | | | |
| C7073 | 1-101-004-00 | CERAMIC | 0.01MF 50V | | | | |

T

| REF. NO. | PART NO. | DESCRIPTION | REMARK | REF. NO. | PART NO. | DESCRIPTION | REMARK |
|------------|--------------|-------------------------|--------|----------|--------------|--------------------|--------|
| Q7016 | 8-729-423-44 | TRANSISTOR 2SA1309A-QRS | | R7046 | 1-249-416-11 | CARBON 820 5% | 1/4W |
| Q7017 | 8-729-423-44 | TRANSISTOR 2SA1309A-QRS | | R7047 | 1-249-429-11 | CARBON 10K 5% | 1/4W |
| Q7018 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | | R7048 | 1-249-429-11 | CARBON 10K 5% | 1/4W |
| Q7019 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | | | | | |
| Q7020 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | | R7063 | 1-249-405-11 | CARBON 100 5% | 1/4W |
| | | | | R7064 | 1-249-405-11 | CARBON 100 5% | 1/4W |
| Q7021 | 8-729-423-44 | TRANSISTOR 2SA1309A-QRS | | R7066 | 1-249-405-11 | CARBON 100 5% | 1/4W |
| Q7026 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | | R7068 | 1-249-438-11 | CARBON 56K 5% | 1/4W |
| Q7027 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | | R7069 | 1-249-433-11 | CARBON 22K 5% | 1/4W |
| Q7028 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | | | | | |
| Q7029 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | | R7079 | 1-249-413-11 | CARBON 470 5% | 1/4W |
| | | | | R7080 | 1-249-417-11 | CARBON 1K 5% | 1/4W |
| Q7030 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | | R7081 | 1-249-421-11 | CARBON 2.2K 5% | 1/4W |
| Q7031 | 8-729-423-44 | TRANSISTOR 2SA1309A-QRS | | R7082 | 1-249-417-11 | CARBON 1K 5% | 1/4W |
| Q7032 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | | R7083 | 1-249-419-11 | CARBON 1.5K 5% | 1/4W |
| Q7033 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | | | | | |
| Q7035 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | | R7084 | 1-249-418-11 | CARBON 1.2K 5% | 1/4W |
| | | | | R7085 | 1-249-421-11 | CARBON 2.2K 5% | 1/4W |
| Q7036 | 8-729-423-44 | TRANSISTOR 2SA1309A-QRS | | R7086 | 1-249-429-11 | CARBON 10K 5% | 1/4W |
| Q7037 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | | R7087 | 1-249-429-11 | CARBON 10K 5% | 1/4W |
| Q7038 | 8-729-423-44 | TRANSISTOR 2SA1309A-QRS | | R7088 | 1-249-405-11 | CARBON 100 5% | 1/4W |
| Q7301 | 8-729-423-37 | TRANSISTOR 2SC3311A-QRS | | | | | |
| <RESISTOR> | | | | R7089 | 1-249-427-11 | CARBON 6.8K 5% | 1/4W |
| R7001 | 1-249-417-11 | CARBON 1K 5% | 1/4W | R7090 | 1-249-427-11 | CARBON 6.8K 5% | 1/4W |
| R7002 | 1-249-423-11 | CARBON 3.3K 5% | 1/4W | R7091 | 1-249-433-11 | CARBON 22K 5% | 1/4W |
| R7003 | 1-249-419-11 | CARBON 1.5K 5% | 1/4W | R7092 | 1-249-421-11 | CARBON 2.2K 5% | 1/4W |
| R7004 | 1-249-429-11 | CARBON 10K 5% | 1/4W | R7093 | 1-247-889-00 | CARBON 270K 5% | 1/4W |
| R7005 | 1-249-407-11 | CARBON 150 5% | 1/4W | | | | |
| | | | | R7094 | 1-249-427-11 | CARBON 6.8K 5% | 1/4W |
| R7006 | 1-249-429-11 | CARBON 10K 5% | 1/4W | R7095 | 1-249-412-11 | CARBON 390 5% | 1/4W |
| R7007 | 1-249-429-11 | CARBON 10K 5% | 1/4W | R7096 | 1-249-426-11 | CARBON 5.6K 5% | 1/4W |
| R7008 | 1-249-421-11 | CARBON 2.2K 5% | 1/4W | R7097 | 1-249-423-11 | CARBON 3.3K 5% | 1/4W |
| R7009 | 1-249-421-11 | CARBON 2.2K 5% | 1/4W | R7098 | 1-249-433-11 | CARBON 22K 5% | 1/4W |
| R7010 | 1-249-430-11 | CARBON 12K 5% | 1/4W | | | | |
| | | | | R7099 | 1-249-437-11 | CARBON 47K 5% | 1/4W |
| R7011 | 1-247-903-00 | CARBON 1M 5% | 1/4W | R7104 | 1-249-441-11 | CARBON 100K 5% | 1/4W |
| R7012 | 1-249-429-11 | CARBON 10K 5% | 1/4W | R7105 | 1-249-429-11 | CARBON 10K 5% | 1/4W |
| R7013 | 1-249-424-11 | CARBON 3.9K 5% | 1/4W | R7106 | 1-249-434-11 | CARBON 27K 5% | 1/4W |
| R7014 | 1-249-423-11 | CARBON 3.3K 5% | 1/4W | R7107 | 1-249-412-11 | CARBON 390 5% | 1/4W |
| R7015 | 1-249-421-11 | CARBON 2.2K 5% | 1/4W | | | | |
| | | | | R7108 | 1-249-423-11 | CARBON 3.3K 5% | 1/4W |
| R7016 | 1-249-417-11 | CARBON 1K 5% | 1/4W | R7109 | 1-249-413-11 | CARBON 470 5% | 1/4W |
| R7017 | 1-249-430-11 | CARBON 12K 5% | 1/4W | R7110 | 1-249-413-11 | CARBON 470 5% | 1/4W |
| R7018 | 1-249-429-11 | CARBON 10K 5% | 1/4W | R7111 | 1-249-417-11 | CARBON 1K 5% | 1/4W |
| R7019 | 1-249-441-11 | CARBON 100K 5% | 1/4W | R7112 | 1-249-436-11 | CARBON 39K 5% | 1/4W |
| R7020 | 1-249-425-11 | CARBON 4.7K 5% | 1/4W | | | | |
| | | | | R7113 | 1-249-433-11 | CARBON 22K 5% | 1/4W |
| R7021 | 1-247-903-00 | CARBON 1M 5% | 1/4W | R7114 | 1-249-432-11 | CARBON 18K 5% | 1/4W |
| R7022 | 1-249-409-11 | CARBON 220 5% | 1/4W | R7115 | 1-249-428-11 | CARBON 8.2K 5% | 1/4W |
| R7023 | 1-249-429-11 | CARBON 10K 5% | 1/4W | R7116 | 1-249-425-11 | CARBON 4.7K 5% | 1/4W |
| R7024 | 1-249-416-11 | CARBON 820 5% | 1/4W | R7117 | 1-249-421-11 | CARBON 2.2K 5% | 1/4W |
| R7025 | 1-249-425-11 | CARBON 4.7K 5% | 1/4W | | | | |
| | | | | R7118 | 1-249-412-11 | CARBON 390 5% | 1/4W |
| R7026 | 1-249-429-11 | CARBON 10K 5% | 1/4W | R7119 | 1-249-405-11 | CARBON 100 5% | 1/4W |
| R7027 | 1-249-414-11 | CARBON 560 5% | 1/4W | R7120 | 1-249-405-11 | CARBON 100 5% | 1/4W |
| R7028 | 1-249-429-11 | CARBON 10K 5% | 1/4W | R7121 | 1-249-405-11 | CARBON 100 5% | 1/4W |
| R7029 | 1-249-425-11 | CARBON 4.7K 5% | 1/4W | R7122 | 1-249-405-11 | CARBON 100 5% | 1/4W |
| R7030 | 1-249-429-11 | CARBON 10K 5% | 1/4W | | | | |
| | | | | R7124 | 1-249-429-11 | CARBON 10K 5% | 1/4W |
| R7031 | 1-249-421-11 | CARBON 2.2K 5% | 1/4W | R7125 | 1-249-422-11 | CARBON 2.7K 5% | 1/4W |
| R7032 | 1-249-417-11 | CARBON 1K 5% | 1/4W | R7126 | 1-247-895-00 | CARBON 470K 5% | 1/4W |
| R7033 | 1-249-437-11 | CARBON 47K 5% | 1/4W | R7127 | 1-247-903-00 | CARBON 1M 5% | 1/4W |
| R7034 | 1-249-437-11 | CARBON 47K 5% | 1/4W | R7128 | 1-249-429-11 | CARBON 10K 5% | 1/4W |
| R7035 | 1-249-437-11 | CARBON 47K 5% | 1/4W | | | | |
| | | | | R7129 | 1-249-421-11 | CARBON 2.2K 5% | 1/4W |
| R7036 | 1-249-429-11 | CARBON 10K 5% | 1/4W | R7130 | 1-249-417-11 | CARBON 1K 5% | 1/4W |
| R7038 | 1-249-417-11 | CARBON 1K 5% | 1/4W | R7131 | 1-249-421-11 | CARBON 2.2K 5% | 1/4W |
| R7040 | 1-249-423-11 | CARBON 3.3K 5% | 1/4W | R7132 | 1-249-429-11 | CARBON 10K 5% | 1/4W |
| R7041 | 1-249-429-11 | CARBON 10K 5% | 1/4W | R7133 | 1-249-431-11 | CARBON 15K 5% | 1/4W |
| R7042 | 1-249-425-11 | CARBON 4.7K 5% | 1/4W | | | | |
| | | | | R7201 | 1-216-379-11 | METAL OXIDE 6.8 5% | 2W F |
| R7043 | 1-249-432-11 | CARBON 18K 5% | 1/4W | R7301 | 1-249-437-11 | CARBON 47K 5% | 1/4W |
| R7044 | 1-249-426-11 | CARBON 5.6K 5% | 1/4W | R7302 | 1-249-441-11 | CARBON 100K 5% | 1/4W |
| | | | | R7304 | 1-249-437-11 | CARBON 47K 5% | 1/4W |
| | | | | R7305 | 1-249-440-11 | CARBON 82K 5% | 1/4W |

T FO AMPLIFIER

| REF.NO. | PART NO. | DESCRIPTION | REMARK | REF.NO. | PART NO. | DESCRIPTION | REMARK |
|---|---------------|-------------------------------|------------------|--------------|---------------|----------------------------|--------|
| <CONNECTOR> | | | | <DIODE> | | | |
| T10 | *1-560-124-00 | PLUG, CONNECTOR (2.5MM PITCH) | | D1 | 8-719-802-30 | DIODE 1SS176 | |
| T11 | *1-560-124-00 | PLUG, CONNECTOR (2.5MM PITCH) | | D2 | 9-900-619-01 | ZENER DIODE RD15JS(B2)-T | |
| T41 | *1-508-784-00 | PIN, CONNECTOR (5MM PITCH) 1P | | D3 | 9-900-618-01 | DIODE ERA15-02VH-T | |
| T42 | *1-564-505-11 | PLUG, CONNECTOR 2P | | D4 | 9-900-617-01 | BRIDGE DIODE S4VB20F | |
| T43 | *1-560-290-00 | PLUG, CONNECTOR (2.5MM PITCH) | | D5 | 9-900-619-01 | ZENER DIODE RD15JS(B2)-T | |
| T51 | *1-564-506-11 | PLUG, CONNECTOR 3P | | D6 | 9-900-619-01 | ZENER DIODE RD15JS(B2)-T | |
| T52 | *1-564-505-11 | PLUG, CONNECTOR 2P | | D7 | 9-900-618-01 | DIODE ERA15-02VH-T | |
| T53 | *1-564-508-11 | PLUG, CONNECTOR 5P | | D8 | 9-900-618-01 | DIODE ERA15-02VH-T | |
| T63 | *1-564-507-11 | PLUG, CONNECTOR 4P | | <IC> | | | |
| <CRYSTAL> | | | | IC1 | 8-759-634-50 | IC M5218AL | |
| X7001 | 1-577-071-11 | VIBRATOR, CERAMIC | | IC2 | 8-759-634-50 | IC M5218AL | |
| ***** | | | | IC3 | 8-759-634-50 | IC M5218AL | |
| *1-629-628-11 FO BOARD | | | | IC4 | 9-900-285-01 | IC (POWER AMP) STK4030-2 | |
| ***** | | | | <COIL> | | | |
| 9-900-614-01 AMPLIFIER BOARD (INCLUDING FUSE BOARD) | | | | L1 | 9-900-287-01 | COIL (ATH-133-A) | |
| ***** | | | | <CONNECTOR> | | | |
| <CAPACITOR> | | | | PL1 | *1-560-125-00 | PLUG, CONNECTOR (2.5MM) 5P | |
| C1 | 1-102-824-00 | CERAMIC | 470PF 5% 50V | PL5 | *1-560-290-00 | PLUG, CONNECTOR (2.5MM) 2P | |
| C2 | 1-102-824-00 | CERAMIC | 470PF 5% 50V | <TRANSISTOR> | | | |
| C3 | 1-102-824-00 | CERAMIC | 470PF 5% 50V | Q1 | 8-729-119-78 | TRANSISTOR 2SC2785-HFE | |
| C4 | 1-102-824-00 | CERAMIC | 470PF 5% 50V | Q2 | 8-729-119-78 | TRANSISTOR 2SC2785-HFE | |
| C5 | 1-124-925-11 | ELECT | 2.2MF 20% 50V | Q3 | 8-729-119-78 | TRANSISTOR 2SC2785-HFE | |
| C6 | 1-124-925-11 | ELECT | 2.2MF 20% 50V | Q4 | 9-900-615-01 | TRANSISTOR 2SC3243(DE)-T | |
| C7 | 1-124-925-11 | ELECT | 2.2MF 20% 50V | Q5 | 9-900-615-01 | TRANSISTOR 2SC3243(DE)-T | |
| C8 | 1-130-485-00 | MYLAR | 0.015MF 5% 50V | Q6 | 9-900-616-01 | TRANSISTOR 2SA1283(DE)-T | |
| C9 | 1-136-156-00 | MYLAR | 0.018MF 5% 50V | <RESISTOR> | | | |
| C10 | 1-130-480-00 | MYLAR | 0.0056MF 5% 50V | R1 | 1-249-413-11 | CARBON 470 5% 1/4W | |
| C11 | 1-130-490-11 | MYLAR | 0.039MF 5% 50V | R2 | 1-249-413-11 | CARBON 470 5% 1/4W | |
| C12 | 1-102-125-00 | CERAMIC | 0.0047MF 10% 50V | R3 | 1-249-441-11 | CARBON 100K 5% 1/4W | |
| C13 | 1-124-925-11 | ELECT | 2.2MF 20% 50V | R4 | 1-249-441-11 | CARBON 100K 5% 1/4W | |
| C14 | 1-102-973-00 | CERAMIC | 100PF 5% 50V | R5 | 1-249-405-11 | CARBON 100 5% 1/4W | |
| C15 | 1-102-973-00 | CERAMIC | 100PF 5% 50V | R6 | 1-249-405-11 | CARBON 100 5% 1/4W | |
| C16 | 1-124-907-11 | ELECT | 10MF 20% 50V | R7 | 1-249-441-11 | CARBON 100K 5% 1/4W | |
| C17 | 1-102-074-00 | CERAMIC | 0.001MF 10% 50V | R8 | 1-249-441-11 | CARBON 100K 5% 1/4W | |
| C18 | 1-124-903-11 | ELECT | 1MF 20% 50V | R9 | 1-247-836-11 | CARBON 1.6K 5% 1/4W | |
| C19 | 1-102-973-00 | CERAMIC | 100PF 5% 50V | R10 | 1-247-836-11 | CARBON 1.6K 5% 1/4W | |
| C20 | 1-124-122-11 | ELECT | 100MF 20% 50V | R11 | 1-249-437-11 | CARBON 47K 5% 1/4W | |
| C21 | 1-124-122-11 | ELECT | 100MF 20% 50V | R12 | 1-249-437-11 | CARBON 47K 5% 1/4W | |
| C22 | 1-102-947-00 | CERAMIC | 10PF 0.50PF 50V | R13 | 1-247-850-11 | CARBON 6.2K 5% 1/4W | |
| C23 | 1-124-122-11 | ELECT | 100MF 20% 50V | R14 | 1-249-441-11 | CARBON 100K 5% 1/4W | |
| C25 | 1-124-122-11 | ELECT | 100MF 20% 50V | R15 | 1-249-441-11 | CARBON 100K 5% 1/4W | |
| C26 | 1-130-495-00 | MYLAR | 0.1MF 5% 50V | R16 | 1-249-441-11 | CARBON 100K 5% 1/4W | |
| C27 | 1-124-122-11 | ELECT | 100MF 20% 35V | R17 | 1-249-441-11 | CARBON 100K 5% 1/4W | |
| C29 | 1-124-472-11 | ELECT | 470MF 20% 6.3V | R18 | 1-249-441-11 | CARBON 100K 5% 1/4W | |
| C30 | 1-124-472-11 | ELECT | 470MF 20% 6.3V | R20 | 1-249-421-11 | CARBON 2.2K 5% 1/4W | |
| C31 | 1-124-907-11 | ELECT | 10MF 20% 50V | R21 | 1-249-438-11 | CARBON 56K 5% 1/4W | |
| C32 | 9-900-284-01 | ELECT | 4700MF 42V | R22 | 1-249-413-11 | CARBON 470 5% 1/4W | |
| C33 | 9-900-284-01 | ELECT | 4700MF 42V | R23 | 1-249-420-11 | CARBON 1.8K 5% 1/4W | |
| C34 | 1-124-478-11 | ELECT | 100MF 20% 25V | R24 | 1-249-429-11 | CARBON 10K 5% 1/4W | |
| C35 | 1-124-478-11 | ELECT | 100MF 20% 25V | R25 | 9-900-291-01 | FUSIBLE 100 | F |
| C36 | 1-124-478-11 | ELECT | 100MF 20% 25V | R26 | 1-249-438-11 | CARBON 56K 5% 1/4W | |
| C37 | 1-124-478-11 | ELECT | 100MF 20% 25V | | | | |
| C39 | 9-900-620-01 | CAPACITOR | 0.01MF | | | | |

Les composants identifiés par une trame et par une marque Δ sont d'une importance critique pour la sécurité. Ne les remplacer que par des pièces de numéro spécifié.

The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

AMPLIFIER FUSE

| REF.NO. | PART NO. | DESCRIPTION | REMARK |
|---------|--------------|---------------------|--------|
| R27 | 9-900-291-01 | FUSIBLE 100 1/4W | |
| R28 | 9-900-288-01 | RESISTOR 10 1/2W | |
| R29 | 9-900-288-01 | RESISTOR 10 1/2W | |
| R30 | 1-249-429-11 | CARBON 10K 5% 1/4W | |
| R31 | 1-247-852-11 | CARBON 7.5K 5% 1/4W | |
| R32 | 1-247-426-11 | CARBON 5.6K 5% 1/4W | |
| R33 | 1-249-441-11 | CARBON 100K 5% 1/4W | |
| R34 | 9-900-291-01 | FUSIBLE 100 1/4W | |
| R35 | 9-900-290-01 | FUSIBLE 4.7 1/4W | |
| R36 | 9-900-290-01 | FUSIBLE 4.7 1/4W | |
| R37 | 9-900-289-01 | RESISTOR 2.7K 1/2W | |
| R38 | 9-900-289-01 | RESISTOR 2.7K 1/2W | |
| R39 | 9-900-290-01 | FUSIBLE 4.7 1/4W | |

<RELAY>

~~RELAY 9-900-289-01 RELAY (CNR1002-A)~~

<TRANSFORMER>

~~TRANSFORMER 9-900-289-01 TRANSFORMER (CNR1005A)~~

FUSE BOARD *****

*1-533-189-11 HOLDER, FUSE

<CAPACITOR>

C41 9-900-621-01 CAPACITOR 0.01MF
C44 9-900-621-01 CAPACITOR 0.01MF

<DIODE>

D9 8-719-200-02 DIODE 10E2

<FUSE>

~~FUSE 9-900-289-01 FUSE (CNR1001-A) 25K/125V~~

<CONNECTOR>

PL2 1-506-348-99 PIN, CONNECTOR 3P

<RELAY>

~~RELAY 9-900-289-01 RELAY (CNR1002-A)~~

MISCELLANEOUS *****

~~1-452-579-11 NECK ASSY. PICTURE TUBE (H322)~~
~~1-544-546-11 SPEAKER BOX (8.7CM)~~
~~1-544-547-11 SPEAKER BOX (12CM)~~
~~1-550-689-11 SWIVEL, AUTO~~
~~*1-556-945-21 CABLE, P-P~~

1-452-032-00 MAGNET, DISK: 10MM ϕ
1-452-094-00 MAGNET, ROTABLE DISK: 15MM ϕ

~~1-452-579-11 NECK ASSY. PICTURE TUBE (H322)~~

1-544-546-11 SPEAKER BOX (8.7CM)
1-544-547-11 SPEAKER BOX (12CM)
1-550-689-11 SWIVEL, AUTO
*1-556-945-21 CABLE, P-P

| REF.NO. | PART NO. | DESCRIPTION | REMARK |
|---------|-------------------------|------------------------------------|--------|
| | *1-557-056-31 | CABLE, P-P | |
| | 8-741-681-01 | IC SBX1681-01 | |
| | 9-900-277-01 | SPEAKER (MAIN) 8.7CM | |
| | 9-900-278-01 | SPEAKER (WOOFER) 12CM | |
| V901 | 8-733-031-05 | PICTURE TUBE (H74KFI0X) | |

ACCESSORIES AND PACKING MATERIALS *****

| PART NO. | DESCRIPTION | REMARK |
|---------------|--------------------------------|--------|
| X-4029-701-1 | COVER ASSY. TERMINAL | |
| 1-465-766-11 | REMOTE COMMANDER (RM-Y108) | |
| 1-417-182-11 | CONVERTER (EAC-25) (CND ONLY) | |
| 1-562-443-11 | CONNECTOR, ANTENNA (USA ONLY) | |
| 3-752-990-21 | MANUAL, INSTRUCTION | |
| 3-752-990-31 | MANUAL, INSTRUCTION (CND ONLY) | |
| *4-030-895-01 | JOINT | |
| *4-032-224-01 | CUSHION (UPPER) (ASSY) | |
| *4-032-225-01 | CUSHION (LOWER) (ASSY) | |
| *4-032-226-01 | TRAY | |
| *4-032-227-01 | INDIVIDUAL CARTON | |
| *4-032-805-01 | CUSHION | |
| *4-033-133-01 | SPACER | |
| *4-386-906-01 | SHEET, PROTECTION | |
| *4-395-035-01 | BAG, PROTECTION | |
| 4-843-806-00 | STRIKE | |
| 7-685-648-79 | SCREW +BVTP 3X12 IT-3 | |

ACCESSORY

RM-Y108

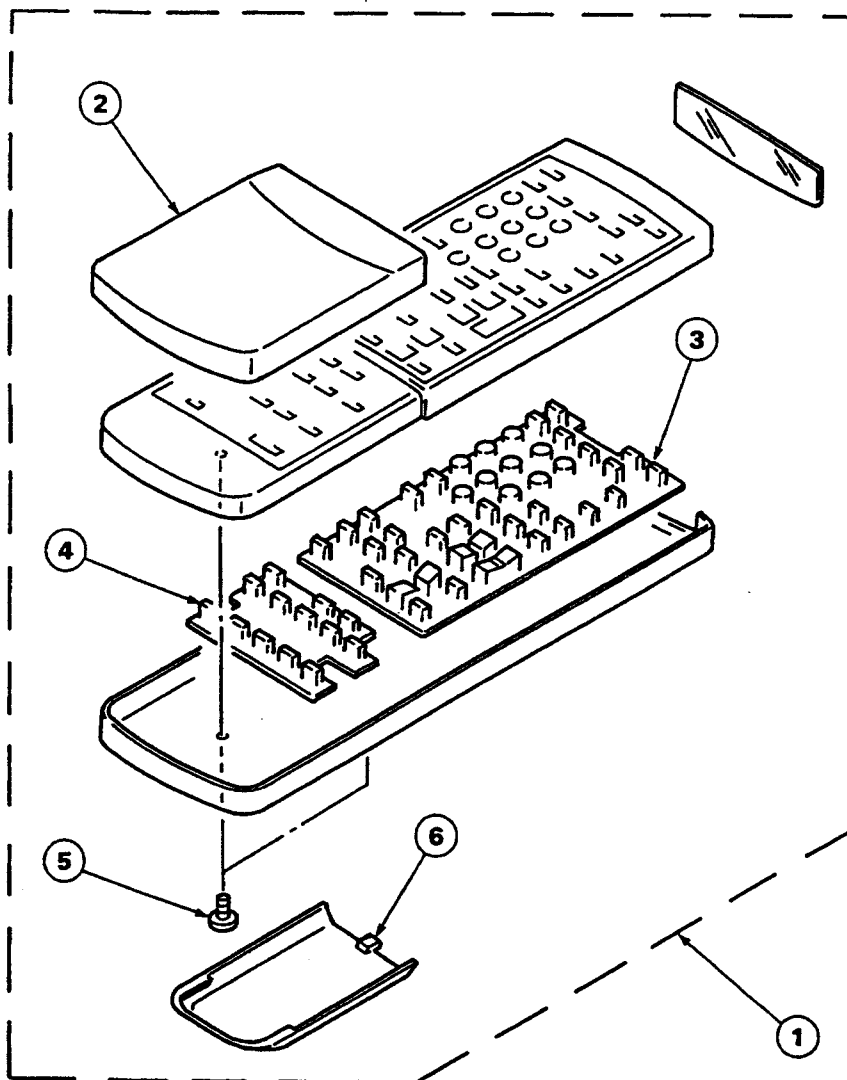
SPECIFICATIONS

| | |
|-----------------------|--|
| Remote control system | Infrared control |
| Power requirements | 3 Vdc |
| Dimensions | 2 batteries IEC designation R 6 (size AA) Approx. 56(w) × 31.5(h) × 225(d) mm |
| Weight | Apprpx. 210 g including batteries |
| Accessories supplied | IEC designation R 6 battery (2) |

Design and specifications subject to change without notice.

REMOTE COMMANDER

EXPLODED VIEW



| REF.NO. | PART NO. | DESCRIPTION | REMARK | REF.NO. | PART NO. | DESCRIPTION | REMARK |
|---------|--------------|-----------------------------|--------|---------|--------------|------------------------|--------|
| 1 | 1-465-766-11 | COMMANDER, REMOTE (RM-Y108) | 2-6 | 4 | 9-998-908-01 | SWITCH RUBBER B | |
| 2 | 9-998-909-01 | COVER | | 5 | 9-996-295-01 | SCREW-TAPPING M2X6 (B) | |
| 3 | 9-998-907-11 | SWITCH RUBBER A | | 6 | 9-998-214-01 | COVER, BATTERY | |